

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Bill Todd <bill@techline.com>
Subject: [1458] 1st Fox...Cool!
Message-ID: <1.5.4.32.19961010054737.00686810@205.134.192.32>

Well I finally got the FOX in Florida!

Norm, the first 45 minutes, you were 579 and you couldn't hear me...but when you dropped to 559 you could hear me in SW Washington! VE7CQK is right to question the miles from the FOX question. I guess he is further away than I am. I'll check QRZ! to be sure.

Rig: Icom 735
Power: 5 watts
Antenna: 80 meter dipole fed with ladder line
Operator: 48 years old
Mind: 12 years old (golly gee)

CUL, Bill-N7MFB

Bill Todd-N7MFB

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [1545] 40 Meter Beacon thsi weekend?
Message-ID: <19961010.220842.4719.1.wb2vuo@juno.com>

I deleted something too quickly. Who had the reference posted about a 40 Meter beacon this weekend?

72/73, Keith, WB2VU0, QRP-L #582
Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: N5EM@aol.com
Subject: [1502] Ah, October
Message-ID: <961010153647_123530414@emout02.mail.aol.com>

What bliss! Within a week one receives The QRP Quarterly, QRPp, SPRAT and

72. And the local convention is this weekend. Life . . is good.

Ed, N5EM

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: windish@ix.netcom.com (Walter G. Windish)
Subject: [1468] Antenna question
Message-ID: <199610101234.FAA24280@dfw-ix12.ix.netcom.com>

Hi gang:

I thought I'd replace my 4 yr old G5RV (102') with something else in time for the contest. I have a double length G5RV (204') that has only been used for a few field days. I thought I'd strip the coax off and run the ladder line (66' - hope it reaches!) directly to the tuner. The legs would run as an inverted vee. Is there any "magic length" for the legs that would make it more effective than whatever fits? I can probably run close to the full 102 ft per leg. I'd like to operate on 160, but it's not vital.

Also, anyone think the RF in the shack will shoot up? I always thought it would. Although I'm done having kids, I don't need any more appendages.

An unrelated matter - I saw a posting on an astronomy newsgroup that no spots have been observed on the sun for over four weeks. Since this is longer than a rotation, it looks like we're not out of the trough yet. Sould be a fun contest,

72, Walt KB2JE

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: jdenison@aisp.net (JOEL DENISON)
Subject: [1508] any foxes out tonight
Message-ID: <19961010205256057.AAA189@slip20.ts-f-merrill.caps.maine.edu>

Any foxes out tonight???

I've changed all antenna connections, put up new wire and lead in coax.
I'm ready!!! :-)) oh, even charged up the battery.

Joel Denison Qrp ARCI #4066 NE-QRP #476 QRP-L #765
WA5CVM QRP PLUS SSB & CW ANTENNA: HORIZONTAL LOOP UP 30ft
jdenison@aisp.net

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [1503] Attn. Sportsfans! (WAS: California Vs. Texas World Fox Series)
Message-ID: <Pine.OSF.3.91.961010155137.20638B-100000@saturn.acs.oakland.edu>

Boy... anyone want to take this to the next level and run a Three on Three Fox Hunt sub-contest? I'd love to see that!!! Complete with standings, stats, playoffs. Anyone out there want to try it????

73 =paul= wb8zjl
grad skool still suks

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: k5zty@hamgate2.w5-f6cnb.ampr.org
Subject: [1544] BANG..another fox down..
Message-ID: <18834@sugarland.ampr.org>

Look out Doug, FOX 3, K5ZTY 2,
It was 03:28 when I finally heard him. Thats one more for the Texans.
72,
Bill, K5ZTY
ARCI #8817 NORCAL #1321 CQC #178 MI #1472 NE #440 QRP-L #473
WITHOUT CW, IT'S JUST CB

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Phil Sikes" <psikes@whidbey.net>
Subject: [1484] Beacon Info
Message-ID: <199610101621.JAA20044@islander.whidbey.net>

Hello to the group. Already talked to Chuck about this and he said to post it to the group, so here goes. I will take any information concerning the letter beacons that we are hearing and collate the data as it comes in. At the minimum, include your call sign, QTH, letter of the beacon heard, time heard (GMT), and for those of you with rotatable antennas, the direction you were pointed. Any other information you think is pertinent please feel free to include.

Email to:
psikes@whidbey.net

TNX es 72
Phil
Amateur Radio Station
KJ7NS
ARCI 9196:NWQRP 412:QRP-L 528
email: psikes@whidbey.net

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Seabury Lyon, AA1MY" <SSLYON@postoffice.worldnet.att.net>
Subject: [1498] Big Horizontal Loops; (BHL)
Message-ID: <19961010174830.AAA943@LOCALNAME>

Greetings all. In response to recent requests, here are the...

***** AA1MY Guidelines for Big Horizontal Loops *****

- * Bigger is better; higher is better; rounder is better; flatter is better; big wire size is better; Copperweld is best; household #14 str. is good.
- * Resonant Lengths are not necessary, -so long as you have over one wavelength at lowest freq.; Otherwise, use as a "flat-top" at low freq.
- * 450-OHM ladder-line is cheap, reliable, swr-tolerant w/very lo-loss.
- * Go over TOPS (smallest branches) of trees, not thru them, with your support lines. (more strain relief & altitude)
- * Float ant. in strong plastic pulleys, (3-4"), EXCEPT for the feed-point. (distributes stresses evenly) DO NOT USE COUNTER-WEIGHTS OF ANY KIND!!!
- * I use a sling-shot and a 3-oz. sinker w/ the bottom half of my surf rod to get the pilot lines over trees. 2oz. is too lite to get back down thru dense leaves/branches; 4oz. won't go hi enuff. Paint sinkers day-glow.
- * ALWAYS have at least one helper for safety. (and/or a supply of sedatives) Guiding the ant. around snags alone, (w/pull line) is terribly frustrating.
- * Adjust the shape of the loop by adjusting support line lengths.
- * I use a small Bernz-O-Matic, solder paste and 60/40 solder to make splices and attachments in the field. IMPORTANT!! use the lowest sustainable heat, and DO NOT OVERHEAT THE WIRE. Hi-Heat will seriously weaken copper wire.

Of course, there are lots of possible variations on the theme. However, the items above have been learned the hard way and are stories for a very, very long FM or SSB ragchew. 73 =s=
Seabury "Seab" Lyon AA1MY
44 Codfish Hill Road
Bethel, CT, 06801, USA

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: BParkes@aol.com
Subject: [1535] Cabela Pole
Message-ID: <961010221130_540810809@emout02.mail.aol.com>

Howdy, I tried to order a pole from Cabela's for the SS vert (the Black Widow) tonight. A very nice person told me that they no longer carry them. I told her that she may be getting a number of calls for them and explained why. She was interested but sorry that they didn't have any more. I do have a 14 foot pole but it is too good at catching bass and pan fish to turn into an antennna. Have to have priorities.
73 Bruce KA2ZGW

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Jerry Parker <jparker@fix.net>
Subject: [1536] Cabela Pole
Message-ID: <2.2.32.19961011023009.00c788dc@fix.net>

Very interesting.

When I read this post I called the 800 number for Cabela and they did a stock check and the 20 footer is in stock according to this person.

Try again....72,,,Jerry...K

>Date: Thu, 10 Oct 1996 22:11:31 -0400
>Reply-To: BParkes@aol.com
>Sender: owner-qrp-1@Lehigh.EDU
>From: BParkes@aol.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Cabela Pole
>X-Listprocessor-Version: 8.0 -- ListProcessor(tm) by CREN
>

>Howdy, I tried to order a pole from Cabela's for the SS vert (the Black Widow) tonight. A very nice person told me that they no longer carry them.
> I told her that she may be getting a number of calls for them and explained
>why. She was interested but sorry that they didn't have any more. I do have
>a 14 foot pole but it is too good at catching bass and pan fish to turn into
>an antennna. Have to have priorities.
>73 Bruce KA2ZGW

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>
>

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [1492] California Vs. Texas World Fox Series
Message-ID: <1.5.4.16.19961010091950.3f371fe6@telis.org>

What a great game last night. The boys from Texas pulled out the heavy hitters and looked like they had it won. K5FO even came out for the game. They built a big lead early as Denny, K3ETS, Bill, K5ZTY and Jack W5TFB all nailed the Fox in the first 15 minutes, jumping out to a 3 - 0 lead. Things slowed in the next 15 minutes as the only score came when Dick, AA2WJ made contact at 0122 to increase the lead to 4 - 0, and they were smiling in Texas for the first time since the Yankees left town. Bob, KC5RAS, upped the lead to 5 - 0 with his contact at 0132. Dreams of a shutout were springing up all over Texas.

Then, all of a sudden at 0142, Bob, N6WG, one of the California antenna experimenters, broke through and ruined the shutout bid by the Texas staff. Everyone on the West Coast breathed a huge sigh of relief, as it is horribly embarrassing for a whole state to be shutout in a Fox Hunt (Ask Texas, they know the feeling). Stan, N6ULU, a two time all-star for the California team, followed Bob with his huge signal, and now it was 5 - 2, this might be a game after all. Stations all over America started to sit up and take notice. This was getting interesting. "Hey Mildred, come listen to this, those California boys don't quit."

Tim, WA5VQK stepped in and snared the fox at 0205 to start the second half and increased the lead to 6 - 2, Texas. But all of a sudden out of the West come Harvey, W6BAB, (used to be N6MM) and Arlen, K6VNX hitting the fox with consecutive contacts to make it 6 - 4, and they were looking over their shoulders in Texas. Oh no, do we have the curse of the Texas Rangers? That was the thought running through every Texas QRPer's mind. Bob, N5ET, jumped in right after the 2 upstarts from the west and gave Texas a 7 - 4 lead, and they started to watch the clock in Texas, saying, "Move baby move", but there was still 49 minutes left. Mike, K1MG, and Dwight, WA6NAE, closed the lead to 7 - 6 with contacts at 0217 and 0223. The seemingly insurmountable lead that the boys from Texas had was shrinking and shrinking fast.

No one knows for sure, but word has it that the Texas boys got on the phone and called the "Big Daddy", Chuck, K5FO, and said, "Chuck, we need you. It looks bad, the boys from California are gaining fast, and we hear lots of them calling. Come up and save the bacon. You did go to A&M, and you did swear that you would be faithful to the motherland forever, well,

forever is here and we need you." Chuck came up, and despair rang over the land of fruits and nuts, as K5F0, works Norm with a 2 way 559 report, and worst of all, QRP-L #1!! Now it was 8 - 6, Texas and only 23 minutes left.

Rich, N6XI, comes to the game and he has a good signal into Florida, he gets a 559 and matches the great one, stride for stride. It is a 1 point game, and things don't look good in Mudville, Texas. They have shot all there QRP cannons, all they can do is sit back and watch and hope that time runs out on the West Coast ops. Uh, oh, Paul, VE7CQK works Florida from Vancouver. That can only mean one thing, skip is long. Very long.

Then another California All-star, Eric WA6HHQ, who has DXCC NorCal 40 #2 gets the fox at 0253. 7 minutes left! We have a tie ballgame. Wow! Then it comes. KI6DS, sends his 2 watt signal from Dos Palos, Norm hears him, and sends back KI6BS, I swear its true. We exchange reports, I send 339, get a 559 correct my call and at the end, California wins! But wait, its not over, there is another signal, NQ7K, whew! its Mike from AZ. Then at 0259, it happens. WZ2T calls, hams in Texas and California hold their breaths. This is the last one, who is it? UR 449 NY RICK NR 122, the cheers erupt in California, and in Texas there is no joy, because, even with all of their big guns, Texas loses another heartbreaker. Final score California 9, Texas 8. But what a great game, and what great fun. Thanks to Norm and all of the Texas guys who are making this fun. My apologies to sports writers everywhere.

Even though California leads the series, 3 - 0, I don't think it is over by a long shot. It's a long season, and the guys in Texas might be lulling us to sleep, trying to get us over confident. We will be talking and planning next weekend at Pacificon, but I would not be surprised to see Texas try to send a rep to spy on us. WE expect K5F0 to show but he blew his cover last night, so Chuck if guys suddenly clam up when you walk up to a group of guys at Pacificon, you will know why. 72, From Doug KI6DS, Can you tell I'm having fun???

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [1470] CARPET REMNANTS
Message-ID: <9610101330.AA10270@itg.ti.com>

From: Brad Bradfield QLF

Subj: CARPET REMNANTS

On 9 October, Preston wrote:

> A clean carpet remnant awaits the next kit. (Dave Benson, I am ready for
> you!) Incidentally, that's a good tip. I noticed one of my friends who

> is a professional used a piece of carpet on his workbench. It is terrific
> for keeping little creepies on the worktop and off the floor. And unless
> you are wont to leave your soldering pencil flat on the tabletop, it isn't
> any additional fire hazard.

I would highly recommend staying away from this work bench tip due to the
electro-static discharge (ESD) potentials of the carpet. Even a common, run
of the mill (2N2222 for instance) transistor can be easily damaged by a
fairly small amount of ESD. Find a piece of properly grounded ESD work
surface material for your work bench, but NOT carpet.

72's es 73's,

Brad, WB0CGH

Brad Bradfield, PE

Electrical Design Engineer

(H) 817-321-2960

Texas Instruments, Inc.

(W) 214-462-6230

Real men talk with their fingers!

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996

From: Bill Acito 10-Oct-1996 0949 <acito@asdg.ENET.dec.com>

Subject: [1482] For Sale: JPS NIR-12 DSP

Message-ID: <9610101457.AA24233@us1rmc.bb.dec.com>

JPS's top-end DSP unit, mint condition (it is fox season, ya
know).

\$275, I ship in contiguous US.

b

. . . . - I own my own words -

Bill Acito

acito@asdg.enet.dec.com

|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS

qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Ronald Hands <Ronald.Hands@freenet.hamilton.on.ca>
Subject: [1485] Fox
Message-ID:
<Pine.GS0.3.95.961010121556.29007A-100000@james.freenet.hamilton.on.ca>

Heard the fox, worked the fox. Life is good.

But it was even more fascinating to hear the well-mannered pileup, with signals seeming to be readable from all four corners of the continental land mass. The fox was booming in as high as S7 or 8 at times, although he also dipped down near the noise level (which was mercifully low last night) for long stretches.

It did seem to be one occasion when a vertical antenna, with its low angle capabilities, was a real asset. The RS DSP didn't hurt, either.

-- Ron VE3SP
ronald.hands@freenet.hamilton.on.ca

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [1501] FOX -ed out, but not skunked!! (too long)
Message-ID: <199610101937.PAA18120@mh004.infi.net>

Well, gang, it happened again.

After a brilliant start with Tim in NM, I've sat for two hours listening to static for the third night in a row without capturing the Fox.

Now, you may think I'm discouraged. - You may think I'm downhearted. - You may think I'm going to quit hunting for the Fox and leave him to the rest of you.

HA! I say HA!

In the first place, I heard lots of guys catch the Fox, and I knew right where he was. I could hear the absence of static caused by his signal. Had he been foolhardy enough to raise his head just ever-so-slightly, **NAB**. Some of the California and New Mexico guys came in 559. There was Jim, Bill, Ernie, Greg, Brian, Jay, Don, Bob, Joel, Chuck, Eric, Mike, Doug and Rick to name a few. (Was I frustrated, listening to all of these guys call the Fox?? --*NO*) I even heard K5F0 at about 579, but he gave up too quickly. I have over 2 pages of copy from guys who were after the Fox. So,

I got some good CW practice.

In the second place, I was not skunked. At 0303Z I called CQ and was immediately answered by Glen, VE3DNL, and we had a nice short QSO before calling it a night. - A lot more meaningful conversation than I'd have had with the Fox. Glen and I both noticed a terrible odor before our QSO, but it was gone by the time we finished. *We were not skunked*

So, If any of you have caught all of the Foxes so far (I think I've heard KK6MC every night), just sit back, relax, - feel smug and comfortable with your lead. Hang those pelts up on the shed and watch them dry. There's no way anyone can catch you now - *NOT*!! Be forewarned that I, for one, will be there, earphones tight to my head, ready for the slightest propagation break, straining to Nab.

Ain't this fun!!!??

CUL,
Bob Kellogg, AE4IC
Probably, but not nececelery. - Benny Hill

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1475] FOX Hints and Kinks
Message-ID: <199610101428.0AA20663@chuck.dallas.sgi.com>

Gang,

I'm glad that everyone is having fun so far. It looks like, as there are more people participating this year, that the pileups are going to be fast and furious. I hope you are having fun. For those new to the qrp-l list, yes there will be a lot of postings on the foxhunt. No, we will not move 'em off the list. This is what it's all about.

The top ten reasons (not a complete list by any means and in no particular order) for the foxhunt exercise are:

10. To get more QRPers on the air.
9. To get more QRPers to have a larger number of QSOs or exchanges in a shorter period of time. You have to admit that in the aperiodic day-to-day operations we really don't

have that large a number of contacts. It's a tough job.

8. To fine tune our operating skills. You learn by doing. Read all the books on operating and how to do contests. The same skills work in day to day QRP operations. We do not have a simple task at hand with lower power.
7. To get some people to really feel the adrenaline rush of being the object of a pileup. Most amateurs never ever have that feeling. It is a lot of pressure on the fox sometimes but we all have to remember that they are giving us their time freely. You can explain completely to another human being just exactly what goes through your mind when you first hear the pileup. It is scary.
6. Increase code speeds or keep them up.
5. To help the Novice/Tech+ hams upgrade. They'll be back next year down in the low end of the band.
4. To have fun.
3. To do a mini-propagation study and see how 40m does as the year progresses and winter and the lower solar angles cause better propagation on the band. Also the QRN levels significantly decrease thus making it easier to hear the weaker signals.
2. I started out asking for QRP-L numbers or power levels as part of the exchange. Two reasons: one to get some numbers out so that we get some feel for how many of their are and it is great code practice. Think about it. The ARRL exchange during SS is probably one of the longest. It was modeled after the preamble to messages sent for traffic on CW/Phone nets. You will hear EVERYONE that works SS for more than 6 hours or so say that their code speeds have increased. Can you guess why? Sure you can.

So, the next time you work a fox you have a choice. Either send your number as "NR 1" or your power level as "PWR 5" or "PWR 1R5". (The R means ".") Maybe we should move over to the power level exchange so that we can calculate the miles per watt levels readily without having to come back in email later and get the gory details.

1. To get more people excited about getting on the air. Help guys get more states worked, more counties, etc. We have all 50 states in this group.

I personally like to see the posts and I get email with comments like:

"Great to work so many people from the list."
"Gathers a lot of good ops in one place."
"Back on the air for the first time in decades."
"Coming back for being QRT for many years."
"Finally put up the antenna and got on the air."
"Didn't work him but it was fun trying."
"Wow. What a pileup. Sounded like a DX station."
and a few negative ones too but that is to be expected.

And then there is the Novice Group. I got the following email from Brad and I repost here with his permission. This is really what it is all about. He sent this to the rest of the Novice/Tech+ group. Work in progress for them to setup a schedule for the year. Brad caught on in a hurry.

Now remember you only get the five points for working a Novice one time and one time only. Give everyone a chance to work them. You can see the reasoning here, I hope. They have a better chance to work more people this way.

FYI

Subject: Re: Novice list
From: kb0rol@juno.com (Bradley L Mugleston)
From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: jdenison@aisp.net (JOEL DENISON)
Subject: [1472] Fox hunt
Message-ID: <19961010135539957.AAA191@slip32.ts-f-merrill.caps.maine.edu>

I finally got to hear the fox after 10 pm edt. Norm you were weak into farmington Maine but you were there.

The pile up on top the fox was worthy of any contest or dx pile up that I have ever experienced. It was heart warming to hear the noise stations running 5w or less could generate.

The experience kind of reminds me of my first marriage: A lot of noise and I came out on the short end! :-) (be nice)

God bless
joel
Joel Denison
jdenison@aisp.net

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: jdenison@aisp.net (JOEL DENISON)
Subject: [1549] fox hunting
Message-ID: <19961011035459330.AAA278@slip19.ts-f-merrill.caps.maine.edu>

I have a questioin / suggestion that may be in left field or out of the ball park but I'm going to pose it anyhow. (now you be nice):-)

I've listened for the two foxes these past two days. I barely hear one and never heard the other.

My point being that if you are gonna work someone you got to at least hear them! If band conditions are not right there is no fox to hunt for many of us.

Would it be possible or pratical to maybe have two foxes on different frequencies in two parts of the US (may be at the same time,) and spaced so that most of the US will get covered.

Learning to copy and learning technique to catch a fox is absent when one cannot (because of band conditions) hear the fox. In this situation there is no way for a station to compete with others, try different strategies or anything.

getting beat by a more skilled operator or even by luck of the draw is no big deal but there is no way to compete if the fox's signals just aren't in ur part of the US.

A second fox would put more of us in a position to battle for a contact, Give more people the thrill of a pile up on them. The method now is leaving a number of us out of the running. I think two foxes in two parts of the country would put more of us in the running to catch a fox.

Or have I missed a part that says the fox's operating time will be varied so that "the fox" will cover all the US?

Well there is my question/suggestion to improve on what we got.

I'm new here on qrp-l and a bit nervous about this. However, I think this is a good question/suggestion and worthy of discussion.

So I ask you, What do you Think????

God bless

joel

Joel Denison Qrp ARCI #4066 NE-QRP #476 QRP-L #765
WA5CVM QRP PLUS SSB & CW ANTENNA: HORIZONTAL LOOP UP 30ft
jdenison@aisp.net

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Norman E. Fink" <norm@uu1238.flowerslabs.com>
Subject: [1469] FOX Results for 10-10-96
Message-ID: <9610101327.AA13178@flowerslabs.com>

Fellow Fox Hunters:

First of all, congratulations to all of you who were on last evening. Everyone was just as courteous on the air as you are on the list. It was amazing to see that such a large number of stations could operate and not cause interference to each other.

What a blast! I was able to work many of you but know there are many I didn't. From beginning to end, there was no time I couldn't hear stations calling me. Seems like there were about three different layers of stations, signal-strength-wise, each time I stood by. Thanks to all who tried to contact me, congratulations to those who did, and my apologies to those who didn't. Given more time, I'm sure I could have worked may more of you - maybe next

time - next stint as FOX is November 13/14.

Here's my list.

Station	Time	RST Sent	RST Recvd	QTH	Name	QRP-L #
WB5QYT	0101	549	549	NM	Tom	640
W8DN	0103	559	569	OH	Mike	575
AB5UA	0105	559	539	OK	Clif	478
KE4YH	0106	559	569	FL	Stew	590
K3ETS	0108	549	559	TX	Denny	357
VE3JC	0110	549	559	ON	John	744
K5ZTY	0112	569	579	TX	Bill	473
W5TFB	0113	579	579	TX	Jack	282
KK5RO	0115	569	559	OK	Vernon	325
WA8CDU	0117	569	579	MI	Bill	412
W0CH/M	0119	559	559	MN	Dave	518
W4STX	0120	569	559	FL	Bill	149
AA2WJ	0122	559	559	TX	Dick	8826
N9DD	0124	559	559	IN	Tom	32
W00Q	0125	549	539	CO	Marty	5 Watts

NQ7X	0128	569	579	AZ	Floyd	343
WB0CLD	0129	559	559	MO	Bill	279
KC5RAS	0132	569	559	TX	Bob	273
W1HUE	0134	559	539	ID	Larry	228
AA2PF	0136	559	559	NY	Dave	306
AA0XI	0138	559	579	CO	Marshall	153
KK5MC/5	0139	559	579	NM	Jim	411
KK7BD	0140	559	559	AZ	Dan	696
N6WG	0142	569	559	CA	Bob	27
NQ0I	0143	559	559	IA	Mark	525
N6ULU	0147	569	579	CA	Stan	66
WW7Y	0148	559	569	UT	Steve	94
N7MFB	0151	559	569	WA	Bill	715
K5UP	0152	569	559	OK	Glen	21
KB9IUA	0154	559	579	IL	Kevin	384
VE3SP	0156	559	569	ONT	Ron	464
WB7DUO	0159	559	229	ID	Greg	760
AE9K	0202	559	589	WI	Brian	58
WA5VQK	0205	569	599	TX	Tim	586
KU7Y	0206	559	559	NV	Ron	17
W6BAB	0207	569	569	CA	Harvey	2 Watts
K6VNX	0209	569	559	CA	Arlen	4 Watts
N5ET	0211	559	559	TX	Bob	123
WA5WHN	0212	559	559	NM	Jay	638
AC5II	0213	559	599	OK	Don	264
K1MG	0217	339	339	CA	Mike	614
N5JKY	0219	549	559	OK	Mike	300
KG7PV	0221	559	449	OR	Steve	109
WA6NAE	0223	559	559	CA	Dwight	5 Watts
K9DZE	0224	559	339	IN	Allen	112
KI7MN	0227	559	239	AZ	Bob	274
NN9K	0230	579	579	IL	Peter	05
AA7WT	0232	559	559	MT	Mal	2 Watts
WA1QVM	0234	559	339	MA	Joel	337
K5FO	0237	559	559	TX	Chuck	1
N6XI	0239	559	559	CA	Rich	2 Watts
N2GO	0242	559	559	NY	Jim	381
W7JDZ	0244	449	229	ID	Mac	2 Watts
N1RXT	0247	449	339	MA	Chuck	217
VE7CQK	0251	339	429	BC	Paul	20
WA6HHQ	0253	449	549	CA	Eric	1 Watt
KI6DS	0255	559	339	CA	Doug	2 Watts
NQ7K	0257	449	549	AZ	Mike	47
WZ2T	0259	449	339	NY	Rick	122

I think everything is correct. But, if any of you see a mistake, let

me know so I can correct it.

Thank you all for a fantastic evening of QRP operating. It was an honor to have the opportunity to be the FOX.

Norm, K2NF

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [1548] FOX, or Rumors of Same
Message-ID: <M1095194.001.3ejh0.1.961011034740Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Bob, W03B, I know you were in there, because I heard people calling you. Heard bits and pieces of your call and reports to others, but never got a whole glimpse of you. Conditions definitely not as good as Wednesday evening.

The fox clearly won this round, and trotted off the field with head, ears and tail high.

Just wait 'til next time!
72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [1507] FOX: Good Going, Norm
Message-ID: <M1094278.043.2v9ra.1.961010205138Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

K2NF de N6WG:

Thanks for another successful FOX evening, Norm.

My friend, Dwight, WA6NAE, and I have a friendly rivalry going, chasing FOXes. This evening, you led us a merry chase.

You stirred up quite a series of pileups. We could hear them out here in CA and wondered if we were going to break through. Also were concerned about QSB in and out. Would lose you for a while, then you would fade back in with good copy for a bit.

After a while the band lengthened, and we could hear you working 7's, so we knew we would be in there soon.

I worked you first, and then about an hour later, Dwight worked you also. We appreciate your effort in pulling us through. Thanks to you, I'm still ahead, 4 to 3, hi.

I'm studying how each of the FOXes work, so I will be able to hold up my end when it's my turn to be the FOX.

Again, thanks for a fun evening.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Joe Gervais <vole@primenet.com>
Subject: [1526] FOX: Musings
Message-ID: <199610110029.RAA27021@primenet.com>

Howdy All,

Well, I got skunked. Can't complain though - last year I only worked 2 Foxes total, and my goal this year was to work at least 3. Thanks to good condx, good operators, and plenty of good luck, I've already met my goal! Of course that means I probably won't even *hear* another fox for the rest of the year, but I am and will remain a very, very happy camper. :-)

Norm (K2NF), The Fox, wrote:

>

> Seems like there were about three different layers of stations,
> signal-strength-wise, each time I stood by.

Yep, and I was somewhere down in the fourth layer. :-) Heard you a solid 339 the entire two hours, not much better, not much worse the whole time. One heck of a pileup you had there Norm! Chased you the whole time, just couldn't crack through the RF wall to get to you. :-(

Mike (NQ7K) wrote:

>

> Started getting scared at about 0245 when I hadn't worked Norm yet.
> Finally worked him with just a coupla minutes to spare.
[SNIP]
> Was elbow to elbow with Doug KI6DS for a while, both of us trying to
> get in there. Doug got him first, me shortly after.

Yep, you heard it here first - elbowed out at the finish line by fellow AZ ScQRPion Mike. :-) Oh well. It was a heck of a good run. Congrats to the four ScQRPions who bagged the Fox (NQ7X, KK7BD, KI7MN, and NQ7K) and all the rest of you.

I heard Bob (AE4IC) calling CQ after the Fox went away, but was far too late for dinner to answer. Sorry 'bout that Bob! Nice signal here in AZ though.

OK, hope to have better luck tonight. But even if I don't, I'm having an amazing amount of fun banging my head against the RF wall. Happy hunting and see you all out there!

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Michael Connor" <mikec@primenet.com>
Subject: [1488] Fox: What a Pileup!
Message-ID: <199610101642.JAA09465@primenet.com>

Gang,
Well, last night was a new one for me.
First time I was in the middle of a pileup from the time I found the FOX till the Foxhunt quitting time. All I can say is wow.:-) Never saw anything like it.:-) Started getting scared at about 0245 when I hadn't worked Norm yet. Finally worked him with just a coupla minutes to spare. What a gas! Stan, N6ULU about knocked me off my chair when he called. I'm talking about L-O-U-D! Marshall, AA0XI also very loud. Was elbow to elbow with Doug KI6DS for a while, both of us trying to get in there. Doug got him first, me shortly after.

Qrp'ers are the cream de la creamy; hard to get much mo' betta than last night. Good ops, good condx, good FOX (great job Norm, Thanks!)
Looking forward to Foxing Monday night!

72,
Mike
NQ7K

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "William C. Robbins" <billrobb@serv01.net-link.net>
Subject: [1531] FS: Bud Boxes/Chassis'
Message-ID: <199610110145.VAA32418@serv01.net-link.net>

I am selling the following Cache of Bud products. Most are in the original box or wrapping. Prices listed are from the recent Mouser catalog. NOT asking prices. Asking price is 1/2 of this. Brackets denote quantity. Add shipping.

Bud #	L	W	H	Price	Description
AC-413	12	10	3	\$29.50	Alum Chassis
AC-1406	4	8	2	10.00	
AC-409	7	13	2	15.80	
AC-432	4	17	3	19.00	
AC-1405	4	6	1-1/2	8.90	
AC-1404	4	5	2	10.00	
AC-420	13	17	3	38.70	
AC-431	6	4	2	9.10	
AC-405	7	7	2	10.40	
CU-2109	8	6	3-1/2	22.50	Minibox
CU-2111 (2)	12	7	4	31.50	
CU-2106 (6)	5-1/4	3	2-1/2	6.70	
CU-2103	4	2-1/4	2-1/4	5.50	
CU-2107	6	5	4	11.50	
CU-2103 (4)	4	2-1/8	1-5/8	5.40	
CU-2106	5-1/4	3	2	6.70	
CU-2105	5	4	3	8.20	
CU-2112	17	5	4	33.30	
AC-1612	4-5/16	6	4-1/2	10.00	Sloping Util Box
AC-1613	4-5/16	7	4-1/16	10.00	
No #	4-1/4	5	4	10.00	
AU-1039HG	6	6	6	42.00	Cabinet
CU-234	4-5/8	3-5/8	2/-1/6	13.60	Econobox
No #	10-5/8	6-3/4	2-1/8	17.00	Util Box
Glamor Brand	4	4	2-5/8	8.00	Cabinet
No Name	6-1/4	3-3/4	2	11.00	Util Box
MiniCool Enclosure (3)	6	2-1/2	2-1/2	10.00	HeatSink panels that form a box

Bill

William C. Robbins, WA8CDU
billrobb@serv01.net-link.net

Heathkit Collector

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Mike Rhodes" <weightdn@bright.net>
Subject: [1539] Got Another FOX
Message-ID: <199610110313.XAA19830@brutus.bright.net>

Now I'm confused. I REALLY expected to hear nothing tonight but instead worked Bob, W03B, on the first call. Didn't get a chance to get to the rig until about 0220 and figured the band would be WAY to long to hear MD from OH. Just started tuning from 7035 and found the FOX after just a couple minutes of tuning. He was most graciously and patiently explaining what was going on to a W6 in AR and I was ungraciously and impatiently waiting for the band and his signal to get away from me but again Lady Luck smiled on me. Got a 339 and gave a 539 but all went smooth. Thanks for the Q Bob and for taking the time to be another excellent FOX.

72/73 de Mike / W8DN
weightdn@bright.net

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Ron A. Kolarik" <74244.227@CompuServe.COM>
Subject: [1457] Help: Source for chips
Message-ID: <961010045736_74244.227_BHR34-2@CompuServe.COM>

Hi gang,

I know this is not strictly QRP but I'm in need of a source for Plessey and Harris chips. I need 2 each SL1451 (Plessey) and HD-6409 (Harris). None of the parts suppliers I deal with carries these or they want an arm and leg to special order. Please answer direct if you can help I really don't want to tie up the list.

Thanks
Ron Kolarik N0IDT
74244.0227@compuserve.com

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996

From: Nomadic Librarian <qrp@earthlink.net>
Subject: [1506] HF Mobile from a JEEP
Message-ID: <325D4F02.55DC@earthlink.net>

I'm contemplating buying a JEEP Wrangler Hardtop - anyone else run HF mobile in a JEEP CJ/TJ with a synthetic hardtop? Ball mount off the rear quarter panel? Bumper mount?
--

* Robert Schnick KA3YJG
* HF Low power enthusiast QRP

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: roger@inet.co.za (by way of roger@inet.co.za by way of roger@inet.co.za)
Subject: [1465] How many QRP'ers are there in the USA?
Message-ID: <m0vBH09-000JEfC@testbench.inet.co.za>

We are about to start a new movement in South Africa, "Morse Telegraph League" which will be mainly QRP'ers here. Can anyone please tell me how many QRP'ers there are in the USA, and if you have them listed by State?

Thank you
30
72
Roger
Johannesburg South Africa

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "John Shuster" <jshuster@ix.netcom.com>
Subject: [1515] Junk I should look for
Message-ID: <199610102129.0AA14490@dfw-ix3.ix.netcom.com>

To All:

I bought a couple of MC1350's at the local parts store for \$2.49 each.

The blister pack was labeled: LINEAR I.C. Video IF Amp

That got me thinking. These components were probably developed for certain products. If I can find out what those products are, I'll look for junked ones and pull the parts. Is the logic holding up?

So, what junk should I look for?

John

++++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
KC7CKP AE ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++++

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: wa5whn@juno.com (Jay D Miller)
Subject: [1461] K2NF/"The Fox"/Talley Ho
Message-ID: <19961009.211031.4551.3.wa5whn@juno.com>

Talley Ho, the hounds were sniffing out the spectrum, but cornered the
Fox (K2NF) @ 0214 UTC (Oct. 10) on 7.037 MHz, 559 both ways, but did
notice the peaks @ S-7, for the next 20 minutes, then dropped to 539.
Heard all of My Compadres to the West (KC7NEV, KI6DS, WA6HHQ, et al @ S-7
to S-8), later in the evening (0256 UTC). 5 watts into a vertical.

72...Jay, WA5WHN, Albuquerque, NM, USA

PS Ahhhhhh, now for a glass of ale, with Me Mates... ;-)

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [1509] Late Nite with QRP
Message-ID: <199610102058.0AA11483@zia.aoc.nrao.edu>

Starting tonite is our annual Enchanted Skies Star Party. There
are a bunch of amateur astronomers who want to camp out on the
Pound Ranch, our dark sky observing spot. I have volunteered to
camp out with them to have a representative of the star party
there (and a 2M in case comm is needed).

Howard Peavy K9PV and myself (NA5N) will operate QRP thursday and

friday nite from 10pm-midnite Mountain time. Maybe earlier, maybe even later from the campsite. We'll hangout around the usual 7040 and possibly 80M (if the vertical will load). So for those of you who are night owls looking for a QSO, drop on by. 40M is often open late at night ... just nobody there.

Saturday nite is the public star party and chuck wagon dinner at the ranch, so will not likely have the chance to get on saturday.

72, Paul NA5N

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: kd1jv@juno.com (STEVEN WEBER)
Subject: [1504] LOWfer ops?
Message-ID: <19960911.205301.5471.0.KD1JV@juno.com>

I just got in a neat little lowfer transceiver kit from Dave Curry to beta test. Wondering if there are any lowfer ops or beacons in the New England area before I go to the trouble of putting up some kind of antenna. Got a spool of insulated #24 solid wire with a least a mile of wire on it, wonder if anyone would notice it strung through the neighborhood?

email replies, if any, direct, please.

BTW, Lowfer band is 1350 meters, 160 to 190 KHz, 1 watt max input power to final, 50 ft dia xmit ant,max. (including feed line) And you think 40 mtrs is a chalange?

de KD1JV, Steve in NH

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Nomadic Librarian <qrp@earthlink.net>
Subject: [1524] Mitch (vibroplex) Mitchell's E-mail
Message-ID: <325D78D5.14C0@earthlink.net>

Could anyone forward to me Mitch Mitchell's E-mail? Thanks
--

* Robert Schnick KA3YJG
* HF Low power enthusiast QRP

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "michael (w.m.) babineau" <babineau@nortel.ca>
Subject: [1486] Mounting an HF antenna on Subaru Legacy/Outback
Message-ID: <"22627 Thu Oct 10 08:01:55 1996"@bnr.ca>

Hi :

I recall noting that at least one or two people out there operate HF mobile from a Subaru Legacy Outback. I am interested in antenna mounting suggestions as I just purchased a new Legacy wagon and I am trying to figure out where to mount an HF antenna. Please reply directly. Thanks.

Alternately, I have one of those big honkin three magnet mounts, which would work, but I'm concerned about scratching the paint on my less than one week old new car (I didn't care so much about the 10 year old one I just replaced). Any paint friendly advice on using one of these mounts??

Thanks,

Michael
VE3WMB

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [1473] No Fox heard in Fairport, NY
Message-ID: <jennings-9609101413.AA000114301@eng16>

Hello qrp-ers,

Listening around 0200 to 0220 I heard no sign of the fox :(There were many strong signals around 7035 so they may have been masking the fox. So I had a qrp chat with a local ham!

Second one missed for me.

73,

Tom, kv2x

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: chuckolson@juno.com (Chuck Olson)
Subject: [1478] Oct. 96 issue of 73
Message-ID: <19961010.093115.4871.0.chuckolson@juno.com>

I'd like to buy a copy of the QRP issue of 73 magazine from Uncle Wayne. Would someone please post the details of how much the back issues are and where to send the money? I think this is listed at the bottom of the masthead.

Thanks and
Best Regards,
Chuck Olson
WB9KZY
Jackson Harbor Press
Washington Island, WI

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Tim Cook <timcook@erinet.com>
Subject: [1525] Passive Filter
Message-ID: <325D8E11.5ADD@erinet.com>

I ran across a unique passive filter. Wonder if anyone has seen or heard of one. It is Military surplus. It is called Radio Filter FL-30. Made by The George W. Borg Corp. It appears consist of potted torroids. It is about a 2 1/2 inch cube with a large 3 position switch on top. Positions are RANGE/VOICE/BOTH. It has 2 18" cords coming out of it. One has a male 1/4 phone plug and the other has a 1/4 inch female phone plug. One position appears to be straight thru, one seems to cut high freq noise considerably, and the third position is NARROW and SHARP!!!! Attenuation in that position seems considerable. Looking for info/etc...Don't know what I will do with it, I have got plenty of audio filters, but couldn't pass it up!! hi hi..

Tim NZ8J
ARCI-QRP.....G-QRP....MI-QRP....NE-QRP.....NORCAL

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [1529] SHACK PHOTOS
Message-ID: <9610101312.AA00702@itg.ti.com>

From: Brad Bradfield QLF

Subj: SHACK PHOTOS

On Wed, 9 Oct 1996, Paul Valko wrote:

> Ok gang... here is your homework assignment tonight:

> Go get your camera and take one snapshot of your operating position.

> Do not bother to clean it up.

> Do not try to mess it up.

> Do not get in the picture yourself.

> Do not switch the rig off of 27.185.

> Just do it.

>When you get the film developed (if you are like most people, that may be

>after Christmas), write your name, current callsign ;-) and address

>(both postal and email) on the back.

>Mail the photo to:

> QRP-L Photo Contest

> c/o Paul Valko - WB8ZJL

> 3123 Cairncross Drive

> Oakland, MI 48363-2705

> USA

>Photos become the property of me and will not be returned.

>Stay tuned ;-)

>73! =paul= wb8zjl

Personally, I've always felt that a clean desk (or shack) is a sure sign of a sick mind!

Been busy and haven't been able to work on the Sierra in a week or so. Gotta get going on the band modules. Have I told you how much I hate winding toroids?

72's es 73's,

Brad, WB0CGH

Brad Bradfield, PE

Electrical Design Engineer

(H) 817-321-2960

Texas Instruments, Inc.

(W) 214-462-6230

Real men talk with their fingers!

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996

From: Bill Acito 10-Oct-1996 0913 <acito@asdg.UNET.dec.com>

Subject: [1477] Some ramblin's from the last week...

Message-ID: <9610101443.AA22704@us1rmc.bb.dec.com>

Attended the Hosstraders Flea on Friday up in Rochester, NH, the ARRL New England Convention on Saturday, and then flew out to San Jose on Sunday for training (yes, I know I just missed the Norcal meeting; if I had any time at all while I was in silicon valley, I would have invited myself). For those of you not in the north east, the biggest used flea and the ARRL convention decided to schedule for the same weekend. Hello? Anyone? Anyone?

As usual, spent more than I sold. Some odds and ends...

-Between the two fleas, I picked up a nice Yeasu 757GX, autotuner, and mike. Anyone have a ALC circuit for one of these? Send e-mail please, not via the list; if anyone else wants it, send me mail.

-Noticed a disturbing trend that may have been there, but I just never noticed. Folks that a ham-friend of mine termed "gulls" buying up the bargains and reselling them for a profit at the same flea. A topic better off in the other reflectors (so don't discuss it here), but be thankful we have a place here where QRP bargains can be passed along without a middleman.

-Saw Ernie (always a pleasure), and met Preston at the ARRL convention. Great to put a face with a call; I really need to go to Dayton this year. Ernie, thanks for providing a QRP-NE presence on Saturday. Sorry I missed the forums and the rest of the crew on Sunday.

-Picked on MFJ (availability) and Kenwood (truckstops) just a little; couldn't resist :-).

-Met Gil Kost with the new mini-mini straight keys at ARRL, too.

Would have picked one up in a heartbeat if it wasn't for the fact that he showed me a proto-type for an iambic key. I'll grit my teeth and wait.

-A vender was selling the Kent touch key at ARRL. Another kit I have to build. See the review and mods in this month's 'QRPP'.

-Not much QRP equipment at either flea. Did my usual picking through the parts bins for goodies.

The leaves are hitting peak here in Massachusetts, and I saw the Aspens from 35000 ft on the flight back. Prime contest, operating, and building season is upon us.

b

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life
^soon to change

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [1467] Sorry, what's a fox exactly?
Message-ID: <199610101105.MAA22653@hipocrates.med.up.pt>

Hi, fellows,

Certainly a brief absence or misattention make me lost the details of the FOX. Will anyone please give me the details? Tks es best 73 de Roger, CT1ETT

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Richard Fisher <ki6sn@pe.net>
Subject: [1456] Spartan Sprint Results and Soapbox
Message-ID: <Pine.GS0.3.95.961009212528.11614A-100000@victoria>

Following are the results of the Adventure Radio Society's October Spartan Sprint, Monday evening, Oct. 7. Everyone who participated deserves some kind of medal because conditions were poor, and there is some suspicion that a football match between clubs in Kansas City and Pittsburgh may have diverted some attention from the bands to the picture tube, and undoubtedly the refrigerator.

Mike Michael, W3TS, led October's pack, garnering an impressive 13.9 QSOs per pound with a set-up tipping the scale at just 11.5 ounces (.719 pounds). Details of his operation -- and many others -- appear in the Soapbox below.

Your reporter managed 3 contacts for 1.7 Q/P using a 1-watt lash-up weighing 1.8 pounds. Rough going.

Thanks to all who braved the elements, and we look forward to seeing you next month.

Vy 72,

Richard Fisher, KI6SN

STATIONS RANKED BY QSOs/POUND

Station	QSOs	LBS.	Q/P
W3TS	10	.719	13.9
WB5QMP	10	1.7	5.9
KD7S	12	2.813	4.3
WD6FDD	6	3.6	1.7
WB4ZKA	11	6.6	1.7
N0IBT	7	5	1.4
N9ZZ	13	11	1.2
WJ4P	2	2.5	.8
K5ZTY	15	19.75	.8
KD0SU	5	25	.2
W7AGJ	5	25.5	.19
W7SNV	1	12	.08
WZ2T	1	50	.02

Check log: N2TNN

STATIONS RANKED BY NUMBER OF QSOs

Station	QSOs	LBS.	Q/P
K5ZTY	15	19.75	.8
N9ZZ	13	11	1.2
KD7S	12	2.813	4.3
WB4ZKA	11	6.6	1.7
W3TS	10	.719	13.9

WB5QMP	10	1.7	5.9
N0IBT	7	5	1.4
WD6FDD	6	3.6	1.7
KD0SU	5	25	.2
W7AGJ	5	25.5	.19
WJ4P	2	2.5	.8
W7SNV	1	12	.08
WZ2T	1	50	.02

Check log: N2TNN

COMMENTS FROM THE SOAP BOX

>From Randy, WJ4P:

I had a rough time with the local noise level. Had two QSOs: WD9CTB and W0RW. Used the 40-9er, Gel Cell, CodeBoy, Whiterook, and ear bud headphones for a total weight of 2.5 lbs.

>From Mike, W3TS:

I did not hear to many stations in the Sprint this time. The band conditions were down. And I missed a little operating time due to a sked I keep every Monday night at 9:30 EST. I managed 10 QSOs with a station weight of 11.5 oz. I used only 40 M. My antenna is an inverted vee up 60 feet, and no tuner required. My station break down is as follows:

Polarpulse batteries from old film packs, plus power cord, 1.5 oz; keyer, plus power cord, 2.0 oz; 40-40 rig with a thin plastic back, 7.75 oz; Ear Bud earphones, 0.25 oz. I think I have my gear as light as I can get it with out spending a lot of money to buy special parts, etc., or making it so flimsey that it would not stand a field trip. I think I will have to make it slightly heavier. It seems that most of the time I could use RIT and I don't have it. I left it out to save weight, but it seems a lot of people don't zero well enough to be in my rx passband.

>From Bob, N9ZZ:

I tried the sprint and had a ball, the results are: 13 QSOs at 11 lbs. The rig is a Ten Tec Argonaut 515 with a Gap vertical and 450' horizontal loop. Power was 3 Watts on 40 meters.

>From Bill, K5ZTY:

As light weight goes, 19.75 lbs. probably doesn't qualify, but I'm not a backpacker. When I go to the woods, I go in a pickup. No mountains around Houston, not even any hills.

1. VE3UWL 449 ONT. 01:18
2. W3TS 559 PA 01:23
3. N2G0 579 NY 01:24

4.	KZ0I	559 IA	01:27
5.	AD4WQ	569 TN	01:29
6.	N0IBT	449 CO	01:33
7.	WB5QYT	559 NM	01:41
8.	WA1YIA	599 TX	01:42
9.	VE3SP	459 ONT	02:02
10.	KA2AGP/2	559 WNY	02:10
11.	N9ZZ	599 AR	02:12
12.	N2VPK	559 NY	02:12
13.	N2TNN	559 NJ	02:21
14.	AA1MY	559 CT	02:43
15.	WA1QVM	569 MA	02:51

Rig: OHR 400, KENT paddle, AK1 keyer, DENTRON JR. tuner, WM1 wattmeter, 12 ahr gell cell. I don't have any camo clothing or guns, I have never killed an animal or bird for fun, but I do like to go camping. I would rather do QRP Afield than eat when I'm hungry.

>From Dean, N2TNN:

This started out to be a real sprint, and I think I didn't do too well. I was busy and just turned the rig on with 25 minutes to go in the contest. Then to top it off, all I could hear were 5 stations. Thought for a moment I was on the wrong rig. So, with less than half an hour these results are all I could compile. I can't wait for the next one in about a month.

K5ZTY	339	TX	5W
KC5GXL	449	TX	10 W
WA5PVE	599	TX	30W

(Editor's note: No weight was received with Dean's log)

>From Randy, WB5QMP:

I operated mobile from near Twin Falls, Idaho. My results were 10 QSO's from 1.7 lbs. for 5.9 Q/P.

>From Rick, KD0SU:

Well, no prizes, but had fun with my new Sierra. I had 5 QSOs on 40 meters. I was using the Aston power supply (left the battery pack at work) so the ratio must be around 0.2 QSOs per pound. Was everyone watching Monday night football? I didn't hear as many stations as I usually do. Still lots of fun. Now to get the 20 meter module built.

>From Bill, KD7S:

Rig: Homebrew NE-4040 (no case) 4 oz

Battery: 8 AA cells 6 oz

Keyer: AK-1 9 oz

Paddles: Old Nye Viking 24 oz

Phones: Ear buds 2 oz

Total Contacts: 12

Worked: CO, NM, AZ, WA, CA, AR and PA

Comments: The highlight of the whole sprint was working Bob Cutter, KI0G in Colorado who was running a 40-9er at 200 mW. I was using my TFR entry (without the cabinet) which was still warm from the last solder connection. It was sitting on my desk connected together with clip-leads. What a rat's nest, but it worked very well and was an excellent test for a new rig. I can hardly wait to get it up in the Sierra for a real TFR test.

>From Rich, WD6FDD:

AB7QL, UT

KD7S, CA

WB5QYT, NM

N0TFI, CO

WB5QMP,

WA7MOX CO

Six contacts and the weight of station is; 3.6 lbs. Thought someone had turned off my rig at 1900 hrs. Boy did the band fall out at this end. We (my family) were camping at Santee Lakes during the contest.

>From Al, W7SNV:

I guess I'm supposed to send the following, rather embarrassing, results to you since Russ seems to be off on a toot somewhere.

Total QSOs: 1

Gear weight: 12 pounds

Well, anyway, I tried. And then for only 45 minutes and only on 40 meters. But it was fun, nevertheless!!!

>From Rick, WZ2T:

QSOs: 1

Weight: 50 lbs

Comments: Is this a record? 50 lbs/Q. Gee, I hope so, I'd like to be in the record books for something. My first time operating the sprint. I got a 579 report from MO with 5w using the TS-940, MFJ tuner, MFJ keyer and Vibroplex Brass Racer. Heard a few others but they didn't hear me and no one heard my CQ's. But it was fun for the half hour I was there.

>From Dave, W7AGJ:

Here's the log for W7AGJ at my home QTH in Index, WA in the middle of the Cascade Mountain range. Power output 1 watt from Norcal 40A then through tuner to 80 meter dipole. Five QSO's on 40 meter CW: KD7S WB5QMP KD0SU WB5QYT WB4ZKA. Total station weight 25.5 pounds, including 21 pound

battery. Had fun and looking forward to the next one. Many thanks to the organizers of the Sprint.

>From Mike Pulley, WB4ZKA:

11 Q's

6.6 lbs.

1.7 Q's/lb.

STATION:

NE 40/40 40m xcvr

PK-50 memory keyer

Bencher paddles

Guardian 3ah battery

Fewer QSO's than last month, but the same amount of fun! I started 2 other contacts, but the band faded midway through the exchange each time. Oh well. I just finished putting together my 40-9er, so sometime soon I may try that beggar in the SP. Before then, I have lots of mods to do.

LOG:

10/8/96

TIME	CALL	SENT	RECD	QTH	PWR	NAME
=====	=====	=====	=====	=====	=====	=====
0113Z	WB5QYT	579	559	NM	4W	
0116	KI6SN	559	559	CA	1W	Richard
0119	KD7S	559	579	CA	1W	
0129	WB5QMP	339	339	ID	1W	
0132	W6ZPE	599	569	CA	50W	Dick
0144	N0IBT	459	559	CO	4W	Dave
0150	N9ZZ	339	459	AR	3W	
0215	KR5L	459	559	OK	2W	Jerry
0222	NN9K	459	559	IL	5W	Peter
0236	W7AGJ	459	459	WA	1W	Dave
0249	N9DD	339	439	IN	1W	Tom (really "119")

>From Joe, KC7NEV:

Just wanted to add to the soapbox comments for my non-Sprint. Wasn't able to work it - Argh! My neighbors offered to help me install the sprinkler system for my backyard that night, and I couldn't pass it up. But my family's much happier with me now. I'll be adding my four watts to the next Sprint for sure. See you then!

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: roger.pease@eng.sun.com (Roger Pease)
Subject: [1495] SST design suggestion
Message-ID: <199610101721.KAA19626@immigrant.eng.sun.com>

This is my input for the SST design; just a little idea... You're a maniac, Wayne. We love you for it. And thanks so much for doing this (again!).

My request/suggestion is that in laying out the board, the traces leading to the key jack should pass through two extra lands (with holes).

This is to facilitate splicing a keyer into the circuit by cutting the trace between the extra lands and attaching wires to and from the keyer.

This would use a little extra real estate, but I have the feeling that people may be more likely to "max out" their SST.

We had some old Motorola 68K CPU boards that would upgrade to 68010 that way. Cut traces, change the oscillator and CPU, et voila!

Regards,

_Roger KE6PPI

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Jerry Parker <jparker@fix.net>
Subject: [1462] St. Louis Vertical
Message-ID: <2.2.32.19961010065837.0068e860@fix.net>

Complete information including pictorials, instructions and source info is now available on the NorCal Page:

<http://www.fix.net/norcal.html>

72,,,Jerry...WA6OWR....K

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Ken Freedman" <n1qqv@cshore.com>
Subject: [1466] Things Are Looking Up!
Message-ID: <199610101022.GAA59753@nss2.CC.Lehigh.EDU>

I could here the pileup this time!

73, Ken

Ken Freedman
AKA: N1QQV/QRP

VE, EC Madison CT

Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: David.Reid@asm1.nl (David Reid)
Subject: [1487] Using verticals with QRP?
Message-ID: <199610101429.QAA06052@wspub002.asm1.nl>

Hi guys,

Looking for hams who are using verticals for QRP
I've just bought an Cushcraft AP8A (8 bander)
covering 80 to 10 M including WARC bands.

I'm hoping to mount it raised off the ground on the corner of
my tennis court fence - running the radials around the court at
about 15 feet AGL...

The question is - is this antenna any good for QRP working?
I suspect it will be OK for the higher bands (20M and up) but really I want
to use it on 80 and 40....

any comments from vertical users would be welcome....

Thanks...

Dave Reid
PA/G0BZF
GQRP 3677.

...-

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [1537] VIBROPLEX ADDRESS
Message-ID: <19961010.182040.4439.2.n4so@juno.com>

source: the Finger command at Mobile Area Free Net

Finger who@what: MITCH MITCHELL

Login name: fmitch In real life: Felton Mitchell
Directory: /home/fmitch Shell: /bin/bash
Last login Thu Aug 15 12:20 on pts/16 from ppp19
New mail received Thu Oct 10 19:00:36 1996;
unread since Wed Oct 9 23:30:37 1996

Plan:

S. Felton Mitchell:

VIBROPLEX CO. INC.

11 Midtown Park, E.

Mobile, AL 36606

334-476-4100 work

334-342-7259 home

334-476-0465 FAX

CPA, attorney, and owner of The Vibroplex Co., Inc.

--More--Login name: maf00457

In real life: J. F.

Mitchell

the internet address would be:

maf00457@maf.mobile.al.us

N4SO

Ken Brown

QTH Near Mobile, AL

QRP-L #622

n4so@juno.com

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Patrick Taber <ptaber@logicraft.com>
Subject: [1493] Well...I got close

Message-ID: <1.5.4.32.19961010120803.00933d08@freebird>

I could hear the Fox. Kinda. It took a few go-rounds before I could copy all of his report to others, but once you know what it is you can drag it out of any amount of noise. Sadly, he didn't hear me. Oh well, there's always next time.

After zero-beating the fox and cranking the DSP down to a whisker-width, while moving around my messy operationg position (I'm still thinking about this photo thing. I have to frame it so you can't see that I'm sharing space with laundry machines, but I suppose it's cheating to take the fabric softener sheets off the TNC where my wife like to put them.) I accidentally hit my paddle and sent a dit. Half a second later someone sent a dit back dead center in my tightly-scrunched-down passband. I get the feeling the whole central Mass area was waiting to spring...

How do I confirm my QRP-L number? I believe I remember it, but I don't have it written down.

>>>==>PStJTT (KC1TD)

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: David Adams <dave@flowserver.stem.com>
Subject: [1519] What a group
Message-ID: <9610102210.AA13127@flowserver.stem.com>

I received something in the mail today, that just put a smile on my face. I have a number of vintage equipment manuals and from time to time am asked to xerox them off for people. I'm always glad to do it and ask for an SASE when possible.

Well, someone on this list had asked for the manual for an S38 (I have LOTS of stuff on that one). So, in due time, an SASE arrived and the packet went out. Glad to do it.

Well, what do I find in my box today? A thank you note and a NE Qrp patch. It's a little thing but it's a cool patch and made my day (now if I could only find one of those norcal patches I see people wearing!). Anyway, just another example of ham courtesy and friendliness...

73 de dave, n9uxu

David J Adams N9UXU QRP-L #83

dave@flowserver.stem.com
(415) 813-5028

NorCal QRP #1442
Flow Cytometry Specialist

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Bensondj@aol.com
Subject: [1521] White Mountain SSB rigs- they're ready!
Message-ID: <961010182148_123671186@emout17.mail.aol.com>

Hi gang-

Thanks to those who've waited patiently while the planned release date passed without news of the White Mountain SSB transceiver kits. They're now ready!

As of today, I've begun shipping the 20M version; the 75M flavor will be going out the door starting tomorrow. If you've already placed an order, I should have the backlog shipped by early next week. If you'd like further information on this transceiver, please feel free to contact me.

73, Dave Benson- NN1G
Small Wonder Labs

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: kd1jv@juno.com (STEVEN WEBER)
Subject: [1489] Working list stations
Message-ID: <19960911.202314.5471.4.KD1JV@juno.com>

Haven't been on the air much so trying to do some operating lately.
Interesting that the couple of other QRP stations I worked lately have both been on the list the next day.

Might have to come up with a cyberspace QSL card or something.....

Moving to a radio unfriendly QTH soon, so will try to let some of you guys get northern NH (Coos county) over next couple of weeks....

de KD1JV, Steve

"rig hr always under construction"

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>

Subject: [1511] World Fox Series Bet

Message-ID: <1.5.4.16.19961010132742.57d70312@telis.org>

Ok Chuck, the bet is accepted. Here are the details. We will keep track of the total games for the season, with each regular fox hunt counting as 1 game, the winner is the one with the most hounds catching the fox. Everyone in the state, counts for that state. Visitors too. If Preston comes to Texas, operates and catches a fox, he counts for the Texas Team, same if someone comes to California. Keeps it simple that way. The winner of the bet is the team with the most games won. Ties count as Ties. The prize?

The loser donates 2 NorCal SST Kits, one to the Novice Fox Winner, and one to the Novice Hound who catches the most Novice Foxes for the year. Plus, the loser has to fly to the other's State and take the winner and wife out to dinner at the restaurant of the wife's choice. JoAnne likes Jack's Prime Time in Firebaugh, California. You will have a definite advantage here as your company regularly sends you to California, I don't think my school district will send me to Texas!!

Oh, one more small detail, bubba, you are behind 3 - 0.

72, Doug, KI6DS

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996

From: windish@ix.netcom.com (Walter G. Windish)

Subject: [1474] Re: Antenna question

Message-ID: <199610101428.HAA21402@dfw-ix10.ix.netcom.com>

>>*****

>The 102'/leg is good... BUT -if you have the room and supports,
(trees,
>bldgs, poles, towers...) I'd suggest a loop, -largest possible, fed
>w/450-ohm of whatever length it takes to get to the tuner. Loops are
>quieter, less freq. critical, and provide more length in a given area
than
>any open-ended wire. I've had several versions over 18 mo. and prefer
them
>over G5RV, TRAP DIPOLES, etc.
>73 =s=
>Seabury "Seab" Lyon AA1MY
>44 Codfish Hill Road
>Bethel, CT, 06801, USA
>

Thanks for that quick reply Seab. You must be reading my mind.

After the leaves are off the trees, I plan on putting up a loop. I've already got 500' ft of insulated 14 guage wire (got it free or I would have gone with a smaller guage). I was thinking of cutting it to about 275 ft and feeding with coax, as described in QST and the handbook awhile back. (I think they called it the loop skywire.) It will only be up 30 or 40 ft and snaked through trees. I hope it will load on 160 by shorting the coax and feeding against ground. Any comments on your experience with loops will be appreciated.

Anyway, for the ARCI test and possibly the ARRL Sweepstakes, I'll be using the interim antenna. It's no fun putting up big antennas before it gets really cold!!

73, Walt KB2JE

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: JCoote@aol.com
Subject: [1534] Re: Antenna question
Message-ID: <961010215907_207564045@emout01.mail.aol.com>

In a message dated 96-10-10 08:41:00 EDT, windish@ix.netcom.com (Walter G. Windish) writes:

<< Hi gang:

I thought I'd replace my 4 yr old G5RV (102') with something else in time for the contest. I have a double length G5RV (204') that has only been used for a few field days. I thought I'd strip the coax off and run the ladder line (66' - hope it reaches!) directly to the tuner. The legs would run as an inverted vee. Is there any "magic length" for the legs that would make it more effective than whatever fits? I can probably run close to the full 102 ft per leg. I'd like to operate on 160, but it's not vital.

Also, anyone think the RF in the shack will shoot up? I always thought it would. Although I'm done having kids, I don't need any more appendages.

An unrelated matter - I saw a posting on an astronomy newsgroup that no spots have been observed on the sun for over four weeks. Since this is longer than a rotation, it looks like we're not out of the trough yet. Should be a fun contest,

72, Walt KB2JE

>>

G5RV lengths are only magic in that they provide an impedance close to 50 ohms on many amateur bands, thus some G5RVs advertise "direct coax feed".

The proper way to feed one is with balanced line between feedpoint and tuner.

Changing feeder or antenna length will change the frequencies where the impedance is "low" or closer to 50 ohms.

Some poor tuner designs do not have enough internal "L" or "C" to work with extreme impedances or reactances, so the G5RV works well with these tuners.

Other "magic length" antennas used (example) 67 or 135 foot flat-tops and varied feeder lengths. Nothing special in these except in the "old days" many tube finals were push-pull and the antenna was designed to work on several harmonically related bands (ex: 80-40-20) with high impedance feed.

In a compromise allband antenna with balanced line, just make sure the radiating part is no less than 1/4 wave (1/2 is better) on the lowest freq you'll use (160?) and that doesn't have to be exact.

Make sure the antenna feed combo will work with your tuner over all bands, this is more important than rigid adherence to ancient length dogma which no longer applies. Try G5RV lengths if you have a balky tuner.

If you want 3 dB bidirectional on one freq then cut the antenna as an "Extended Double Zepp", but to realize any gain the antenna has to be high up, straight and in the clear- it should also tune on other bands but with unknown pattern.

73, Jay
WB6AAM

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [1543] Re: Cabela Pole
Message-ID: <325DBFC8.7E96@ix.netcom.com>

Not to argue...but the latest catalog (Fall 1996) does NOT have the pole in question.

Perhaps Doug may have to return to his earlier thoughts re distribution.

When you see him at Pacificon (I have other commitments and can't drive there EVERY weekend!) you might suggest a cardboard tube for mailing. When I order maps from mail order USGS topo map vendors, they come in very durable cardboard tube. Likely that would be cheaper to buy and maybe even less costly to ship than PVC tubes.

73...Phil

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1500] Re: California Vs. Texas World Fox Series
Message-ID: <199610101900.TAA25598@chuck.dallas.sgi.com>

OK Doug, :-)

You're ahead 3-0. No problem.

You post the fact. No problem.

In fact it was a good post. Funny and well worded. Good sense of humor. No problem.

You got a head start in a contest we didn't know about. No problem.

But you made it public. Houston we have a problem. :-)

So all I gotta say is start watching the tally sheet very very carefully. The boys in Texas don't take kindly to some boy from Kansas and the flatlands getting all hoity-toity just cause he moved to the desert in California and having all that unused real estate for the really big antennas the Zuni Loopers and others are famous for. We've all heard of the W6AM antenna farm, which I am truly saddened by its demise due to land developers doing their thing.

So, two things. We are going to call up the farm team and get some of our heavy hitters on line. I'm going to the house and put in the ground system. :-) Going down two doors down and see if I can pick up the 70' tower and I'm going to get a two element 40m beam. :-)

Second thing. Put up or hush. I'll put up a matching prize (I'll let you call it, but not a NorCal related item) for the week long 40-9er contest, i.e. we both come up with a prize and the one who loses gives it to the winner

of the 40-9er contest or whatever place the contest chair decides on. Now be careful that you say " hey, this is a sure deal I'll pick something expensive....". :-) ;-) ;-)

Now this is getting interesting. Like the IARU champs.

The First Annual TX vs CA QRP World Series.

To make this fair maybe we outta have it a team event. We both pick an equal number of QRP-L members. I think TX and CA have about the same number. We'll ask Jim E. to run his famous stat program and tell us how even it is on the group. Of course, a large number of this group won't participate so we just might wanna ask for team volunteers.

I feel like the hare and the tortoise. You got the head start but hey, here in TX were love a challenge.

We still love the Texas Ranger Baseball team. They worked hard and got past the regular season. First time in the franchise. They'll be back and so will we. The Cowboys don't count as I am a Bears fan.

Ball is now in the CA side of the court.

Prediction from K5FO after having looked at the propagation map for tonight for W03B 0130-0330UTC.

	CA	TX
October 9th	3	0
October 11th	3	1

So to my fellow breatheren in the Great State of Texas. I hope that you guys rally behind the Lone Star and help. Let's show these guys we are like the State Fair. We get bigger and better every year. :-)

Let the games begin. A great big dit dit pardner. Being seeing y'all.
: Chuck Adams (K5FO CP-60) 49/49/50 adams@sgi.com
: EMPS QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [1523] Re: California Vs. Texas World Fox Series

Message-ID: <2.2.32.19961010223056.00981a18@nfld.com>

Hey De-ju-vu (sic),

Didn't you work for a radio station once out in the mid-west somewhere?

Didn't you move to California?

Do you like Baseball?

Didn't you vote Republican?

Aren't you President of something or somewhere??

It's Elvis, No Ronnie - no Dougy....

NICE MATERIAL

At 09:57 10/10/96 -0700, you wrote:

> What a great game last night. The boys from Texas pulled out the
>heavy hitters and looked like they had it won. K5F0 even came out for the
>game. They built a big lead early as Denny, K3ETS, Bill, K5ZTY and Jack
>W5TFB all nailed the Fox in the first 15 minutes, jumping out to a 3 - 0
>lead. Things slowed in the next 15 minutes as the only score came when
>Dick, AA2WJ made contact at 0122 to increase the lead to 4 - 0, and they
>were smiling in Texas for the first time since the Yankees left town. Bob,
>KC5RAS, upped the lead to 5 - 0 with his contact at 0132. Dreams of a
>shutout were springing up all over Texas.

```
-----  
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |  
| QRPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |  
| Internet: rgobrick@nfld.com |  
| Compuserve: 70466.1405@compuserve.com |  
|-----
```

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996

From: Richard Sherman <srichard@aldus.northnet.org>

Subject: [1530] Re: California Vs. Texas World Fox Series

Message-ID: <1.5.4.16.19961010213747.2c5f0252@aldus.northnet.org>

-SNIP-

>at 0259, it happens. WZ2T calls, hams in Texas and California hold their
>breaths. This is the last one, who is it? UR 449 NY RICK NR 122, the
>cheers erupt in California, and in Texas there is no joy, because, even with

>all of their big guns, Texas loses another heartbreaker. Final score
>California 9, Texas 8. But what a great game, and what great fun. Thanks
-MORE SNIPPED-

Oh my, now I feel bad. People in Texas will now think of me kinda like that
kid in NY at the ball game last night ;-> Would it help if I said I lived
in Texas once and have never been farther west than Dallas? Great story
Doug, I enjoyed reading it, thanks for writing it.

72 de Rick WZ2T
Foxes - 1
Go Texas!

srichard@northnet.org
---If you're not part of the solution,
You're part of the precipitate.---
Steven Wright

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: JCoote@aol.com
Subject: [1533] Re: CATV leaks
Message-ID: <961010215837_207563473@emout10.mail.aol.com>

In a message dated 96-10-09 13:52:12 EDT, jdy@whitney.ufl.edu (John D Young)
writes:

<<

To add to Mike's remarks about CATV leaks, there is a very easy
way to find these leaks. Tune your 2m HT to 145.250 - this is the video
carrier for cable channel 18. A little searching for the strongest
signal with the S meter will get you into the area. Then remove the
antenna or replace it with a 50 ohm resistor with full length leads and
you should be able to find the leak in just a few minutes.

For a little fun try monitoring 145.250 while mobile and see how
many leaks you can find.

>>

To add to this-

I worked in the broadcast and headends area of CTV for several years. I used
145.25 and (I think) 223.25 to check for leaks. Some CTV companies may
offset their carriers slightly, so you may need to check between 145.22 and
145.28 for example. Heard on an FM receiver, the receiver is quited and
you'll hear a slight 15,750 video buzz. I had good luck with a Doppler

Systems direction finder except in cases where there were numerous leaks, or a length of cable was radiating.

Some cable companies will work with you on "radiation". Leaks can hurt them as they hurt hams. The CTV band in many areas is 50-400 or 50-600 MHz. If their system is leaky and a nearby transmitter (within that band) keys up, angry subscribers start calling to report sound and/or picture interference.

Per FCC rules, CTV companies must meet standards for leakage or radiation in certain frequency ranges and I believe the aviation band (108-136 MHz) has the tightest standards. The specs are still expressed in microvolts per meter I believe. Ham or community groups could probably do their own monitoring to insure compliance.

In one case, our leaks could not quickly be solved so I offset our 145.25 video carrier to not disturb local hams using that frequency.

One amusing note: Political correctness has also infected CTV. I saw a corporate memo directing employees not to use the word "Radiation". Instead, the words "egress" and "ingress" were to be used. Cable companies (like police departments) get calls from people who think they are being bombarded by radiation from their alien neighbors, hence the R-word was eradicated.

73, Jay
WB6AAM

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [1547] RE: Cheap Spectrum Analyzer
Message-ID: <19961010.220842.4719.0.wb2vuo@juno.com>

To answer the several requests for info, here's ths lowdown on the Spectrum Animalizer that I got:

Manufacturer: Anaconda Electronics

Model # : 9300

Range : 5 - 350 MHz

Attenuator Range : 0.5 - 103.5 dB in 0.5 dB steps

CRT Size : 9" diagonal

Reticle : External

Power requirements : 110/220 VAC, 125 Watts (NOT QRP !!)

Size/Wt : 19"w x 17"h x 14"d - 55 Lbs (Use a STRONG bench)

Not a nice, compact portable unit, but I have room and need for it, and I'm NOT complaining!

72/73, Keith, WB2VU0, QRP-L #582

Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)

"In the Depths of the Great bergen Swamp...FN13ac"

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996

From: WJ4PRandy@aol.com

Subject: [1483] re:CopperTopWattmeter

Message-ID: <961010121541_540424078@emout13.mail.aol.com>

I got a copy of the CQ mag article that describes a wattmeter using the 9 volt tester from the battery pack. Here's the gist...

The article describes how to "mount" the tester plate inside a "TicTac" box by using a couple of pieces of copper clad board to sandwich the tester between. Connection is made by using a blob of solder on the copper clad board to contact the tester battery test points.

Also the article describes that it takes a 300 ohm resistor to make the tester a 50 ohm load. 450 mW will "lite" the first segment, 750 mW for the second, and 1.1 watts for all three segments. Power above 2 watts degrades the resistor elements and 5 watts will melt them. Attenuator pads could be used to scale it for higher power. SWR was good up to 450MHz. The tester does radiate, hmmm, a power meter and a dessert topi...er, antenna!!

Its an interesting article gang. CQ mag, July 1996.

73, Randy WJ4P

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996

From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>

Subject: [1480] RE: FOX Hints and Kinks

Message-ID: <39282.owen@apollo.eeel.nist.gov>

In message Thu, 10 Oct 1996 14:28:46 GMT,
adams@chuck.dallas.sgi.com (chuck adams) writes:

> So, the next time you work a fox you have a choice.
> Either send your number as "NR 1" or your power level as
> "PWR 5" or "PWR 1R5". (The R means ".") Maybe we should move
> over to the power level exchange so that we can calculate the
> miles per watt levels readily without having to come back in
> email later and get the gory details.
>

Why not send BOTH Chuck. It only takes a few more seconds and they both
serve a purpose. 72/73 Jim K4CGY qrp-1 #72

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Patrick Taber <ptaber@logiccraft.com>
Subject: [1494] RE: FOX Hints and Kinks
Message-ID: <1.5.4.32.19961010171552.009341d8@freebird>

>Why not send BOTH Chuck. It only takes a few more seconds and they both
>serve a purpose. 72/73 Jim K4CGY qrp-1 #72
>

Oh sure, fine for you, number 72 (best regards with lowest power) or number
73 (best regards)-- you were going to send those anyway. Maybe even 88 (hugs
and kisses) can benefit from sending both. But how about people with numbers
like, oh, say, 215 which means, "cow tipping tonight at midnight."

; -)
>>>==>PStJTT

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [1496] RE: FOX Hints and Kinks
Message-ID: <48575.owen@apollo.eeel.nist.gov>

In message Thu, 10 Oct 1996 13:15:52 -0400,
Patrick Taber <ptaber@logiccraft.com> writes:

>
>>Why not send BOTH Chuck. It only takes a few more seconds and they both
>> serve a purpose. 72/73 Jim K4CGY qrp-l #72
>>
>>
>
> Oh sure, fine for you, number 72 (best regards with lowest power) or
> number 73 (best regards)-- you were going to send those anyway. Maybe
> even 88 (hugs and kisses) can benefit from sending both. But how about
> people with numbers like, oh, say, 215 which means, "cow tipping tonight
> at midnight."
> ;-)
>
Now Now Pat don't be too hard on ole number 215 (you) it's a good number.
I've even used it a lot-- when I was a teenager living at home it was my POB
number, when I got my first job and was living in a rooming house it was my
street number so you see I've sent it quite a lot. You know you could have
gotten NR 999 if you had waited a while--wonder who'll get it. You made my
day. 72/73 Jim K4CGY qrp-l #72

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [1463] Re: FOX REPORT - NOVICE/TECH
Message-ID: <19961009.230128.7695.5.kb0rol@juno.com>

KU7Y wrote,

>And also to all the crowd that was chasing you. They were all
>well behaved.

Thank you all for your behavior 8^). Really it was great, as soon as I
started trying to contact someone everyone backed off and let me try,
THANKS. But were not all ladies and gentlemen as soon as I sent SK it
started in all over again!! THANKS, and I thought I was going to sit
there all night sending out CQ until I got "A" call, simple exchange and
CQ again and again then maybe "A" call. Only time I had to do anything
was when the BC stations got so bad I couldn't hear any more.

THANK YOU ALL AGAIN!!!

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM

BMUG@GWL.COM

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [1464] Re: FOX REPORT - NOVICE/TECH UPDATE
Message-ID: <19961009.230131.7695.13.kb0rol@juno.com>

OK here are the Fixes. Sorry but I got all excited.

```
> Time      call          RST  S/C/P  Name      #
>
> 7.115 MHz
> 0103      KK5R0K      559   ????  Vernon    25
                KK5R0              OK          (I did not get the OK
but did write down KK5R0 at least once)
> 0113      WA6MOK      599   C0     JAY              ??  (QSL card in hand -
lives 1 mile away)
> 0119      KB7??? Lost
> 0121      A6OK              448   Lost
> 0127      KB0VA              579   OK     Frank      79
> 0133      KU7Y              349   NV     RON       17
> 0145      W0CH              559   MN     Dave      618
> 0144      WA8??              559              53  (BC
stations came in here couldn't rpt)
>
> 7.112
> 0201      WA1QVM      ?39   MI     BILL      512
                                Joel (I had
BOEL in my notes also had BILL who knows where that came from maybe the
bells)
> 02??      NN9K              589   Lost - I think this is where the BELLS
started
>
> 7.116
> 0218      K6MG              559   CA     MIKE      714
                K1MG (I had this written down at first then he QTH'ed
CA and my mind said that 1 must have been a 6 so I heard 6 when he signed
off)
> 0225      N6WG              449   CA     BOB       727
> 0233      W8DN              559   OHIO  MIKE      575
> 0238      KC7NEV      439   ??     JOE       191
> 0250      W8CDU      559   MI     BILL      412
> 0258      N8DD              559   IND    ????     ????
>
```

Thanks

> de
>
> Brad Mugleston - KB0ROL
> Colorado QRP Club # 170, QRP-L #316, ARRL
> QTH - Aurora, CO - DM79oq
> KB0ROL@JUNO.COM
> BMUG@GWL.COM

----- End forwarded message -----

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [1471] RE: FOX Results for 10-10-96
Message-ID: <961010094201.208009c9@cayman.vf.mmc.com>

Norm et al,

Didn't get to listen until 0210Z because of local planning board meeting.
Lots of activity on the band, but no definite fox sighting. Heard one guy,
WA5WHN I think, commenting on how many folks were waiting to catch the fox
(cruel, very cruel). There was the faintest peep from Norm momentarily after
that.

Looking at that time period in the fox log, there were east coast QSO's to NY
and NE. Surprisingly nothing from NC, VA, MD, NJ or PA. Were there any
hunters on from those states besides me?

Heard signals mainly from western call districts except of one 9/QRP and a
8/mobile around the frequency. Also an XE, an F and a G.

If it were too easy, it wouldn't be any fun I guess. At least that's what I
keep saying to myself, over and over and over again. :-)

72/73,

Joe E., N2CX

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [1476] RE: FOX Results for 10-10-96
Message-ID: <38161.owen@apollo.eeel.nist.gov>

Wow!Norm-what a showing. Well I tried from here in MD but nothing. At 0110Z I found the PILE-UP calling you but no Foxy Norm. The Explorer II did it's best but just not there. I then fired up the Corsair II hoping that it could hear better but no different than the Explorer. Well I see by your results that you must have had your "Carpet Bagger " filter in since no mid-atlantic station worked. AT least I know it's not my antenna. Maybe on the 13th I should come or stay at the work site Club station-maybe the 3 Ele KLM 40M monoband beam at 80' will help. To answer Joe N2CX's question, there were East Coast stations on.

To those that commentated on Norm's proficiency on running the pile-up. I had the pleasure of observing--helping ? Norm at MY first Field Day in 1959 when I was still a novice. Norm was an A1, top notch CW operator then, so it has to be assumed that he has improved over the years like a vintage wine. I'm just sorry I couldn't hear his side of it. Well Norm I'll be looking for you again on the 13th.

72/73 Jim K4CGY qrp-1 #72

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Warren E. Lewis" <saswel@unx.sas.com>
Subject: [1481] Re: FOX Results for 10-10-96
Message-ID: <199610101458.AA26675@cardamom.unx.sas.com>

>
> Norm et al,
>
> Didn't get to listen until 0210Z because of local planning board meeting.
> Lots of activity on the band, but no definite fox sighting. Heard one guy,
> WA5WHN I think, commenting on how many folks were waiting to catch the fox
> (cruel, very cruel). There was the faintest peep from Norm momentarily after
> that.
>
> Looking at that time period in the fox log, there were east coast QSO's to NY
> and NE. Surprisingly nothing from NC, VA, MD, NJ or PA. Were there any
> hunters on from those states besides me?

Yep...I was there and heard all the guys from the west coast!!

Norm was not heard here in east central NC.

40 Meters had already gone long at 0100Z.

cheers - Warren

P.S. Enjoyed your Gusher II article in "72".

--

Warren E. Lewis
Technical Support Division
SAS Institute Inc.
Cary, NC

saswel@unx.sas.com
(919) 677-8001 x6542
PP-ASEL
DOD#0021

AD4ZE QRP-L#78

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: James Bennett <james@research.nj.nec.com>
Subject: [1490] RE: FOX Results for 10-10-96
Message-ID: <Pine.sol.3.91.961010121336.1991A-100000@shakti>

Joe and the group,

So far I am 0 for 4 here in central New Jersey or more exactly, 0 for 8 hours of trying. I did work F3NB the other night for my first 40M QRP DX so at least I am getting a signal out. My basement shack is getting slightly more organized at least since I need something to do while listening to everyone else work the fox. During the 4 fox nights, I have heard good signals from hunters in CA, AZ, TX, MO, CO, to name a few. But not a peep from any of the foxes. Why didn't someone warn me before I moved here, that in addition to some of the highest taxes, insurance, and overall cost of living, propagation for foxhunting would be this bad? Is it too late to get the 2 points per fox that the other coast gave up? ;)

James Bennett
KA5DVS/2 ("I don't think we're in Arkansas anymore")
QRPL# 63
Foxhunt: 0 for 4
EMPS: QS0s=1 STATES= 1 DX=0

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: bkmak@airmail.net (Bob Kmak)
Subject: [1479] Re: Got Fox #3
Message-ID: <m0vBMSg-000FErC@mail.airmail.net>

>Fox #1 California 11 Texas 4
>Fox #2 California 9 Texas 0 (That's called a shutout folks!!)

Doug,

Congrats on working the Florida fox. I was hoping you wouldn't hear him, to give us cowpokes a chance to catch up :-)) Heavy sigh...

But who knows? Maybe we're starting out slow in sympathy with the once-mighty Dallas Cowboys (yeah, right... where's the cocaine parties? where's the topless dancers??) I keep telling myself, it can only get better.

73,

Bob KC5RAS

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: AE0Q / V31RY <v31ry@ix.netcom.com>
Subject: [1459] Re: Ham Radio in new movie
Message-ID: <2.2.16.19961010000049.291f67f8@popd.ix.netcom.com>

At 15:01 09-10-96 KK6JQ wrote:

>> From pharden@aoc.nrao.edu Wed Oct 9 14:59:17 1996
>> So the movie "Contact" has been modified and will include a
>> scene of Jodi Foster operating her amateur radio station as a
>> teenager. It has been HEAVILY suggested to Warner Brothers,
>> that this scene should involve morse code, as it presumably
>> takes place in the early 1960's.
>
>Hmmm.... I wasn't on the radio then, but wasn't phone also
>quite popular in the early 1960s, both AM and SSB?
>
>I'd say go for AM, since (a) phone will probably be better understood
>by the audience and (b) a teenager usually operates hand-me-down/loaner
>gear, and SSB was still new enough in the early 1960s that AM gear
>would be the dominant hand-me-down/loaners.
>

Well, everyone getting into ham radio in the 60's started as a Novice, and was required to use CW with a XTAL-controlled transmitter. Heck, my 3rd-hand Eico 723 transmitter didn't even HAVE a modulation stage in it! CW was the mode we all met on in the 60's..

73 Glenn

Duct Tape is like the Force: It has a light side, and a dark side,
and it holds the Universe together.

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com -- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [1460] Re: Ham Radio in new movie
Message-ID: <Roam.3.0.844929567.12012.myers@bigboy>

> At 15:01 09-10-96 KK6JQ wrote:
>
> >> From pharden@aoc.nrao.edu Wed Oct 9 14:59:17 1996
> >> So the movie "Contact" has been modified and will include a
> >> scene of Jodi Foster operating her amateur radio station as a
> >> teenager. It has been HEAVILY suggested to Warner Brothers,
> >> that this scene should involve morse code, as it presumably
> >> takes place in the early 1960's.
> >
> >Hmmm.... I wasn't on the radio then, but wasn't phone also
> >quite popular in the early 1960s, both AM and SSB?
> >
> >I'd say go for AM, since (a) phone will probably be better understood
> >by the audience and (b) a teenager usually operates hand-me-down/loaner
> >gear, and SSB was still new enough in the early 1960s that AM gear
> >would be the dominant hand-me-down/loaners.
> >
>
> Well, everyone getting into ham radio in the 60's started as a Novice,
> and was required to use CW with a XTAL-controlled transmitter. Heck, my
> 3rd-hand Eico 723 transmitter didn't even HAVE a modulation stage in it! CW
> was the mode we all met on in the 60's..

I thought of that. The Novice was a fairly short-term, non-renewable
license; perhaps folks met on CW in the 60s, but they didn't stay
Novices forever then.

But, hey, the director will probably prefer Morse, since it sounds so
cool and it doesn't matter if the audience actually understands anything
being said.

Dana KK6JQ
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [1491] Re: Help: Source for chips
Message-ID: <Pine.OSF.3.95.961010105310.20916B-100000@duke.usask.ca>

I don't know if this will help but Harris has a web site. I have a link to it on my home page

<http://duke.usask.ca/~buydens/ham>

Brian.

On 10 Oct 1996, Ron A. Kolarik wrote:

> Hi gang,
>
> I know this is not strictly QRP but I'm in need of a source for Plessey
> and Harris chips. I need 2 each
> SL1451 (Plessey) and HD-6409 (Harris). None of the parts suppliers I deal with
> carries these or they want an arm and leg to special order. Please answer
> direct if you can help I really don't want to tie up the list.
>
> Thanks
> Ron Kolarik N0IDT
> 74244.0227@compuserve.com
>
>
>

```
+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |
| VE5RDV |
+-----+
| "If I had only known, I would have been a locksmith." |
| -- Albert Einstein |
+-----+
```

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: kd1jv@juno.com (STEVEN WEBER)
Subject: [1527] Re: Junk I should look for
Message-ID: <19960911.221409.5471.1.KD1JV@juno.com>

On Thu, 10 Oct 1996 14:29:49 -0700 "John Shuster" <jshuster@ix.netcom.com> writes:
>To All:

>

>I bought a couple of MC1350's at the local parts store for \$2.49 each.

>So, what junk should I look for?

>

>John

>

I've looked inside a LOT of consumer electronics, and except for one early C band sat receiver, have never seen the MC1350 used in anything. I think only us Hams use the part!

de KD1JV

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996

From: Stanley Wilson <microres@crl.com>

Subject: [1514] Re: LOWfer ops?

Message-ID: <Pine.SUN.3.91.961010141756.24590B-100000@crl2.crl.com>

Better read the rules.... Only a 50' including feed line is legal.

On Wed, 11 Sep 1996, STEVEN WEBER wrote:

>

> I just got in a neat little lowfer transceiver kit from Dave Curry to
> beta test. Wondering if there are any lowfer ops or beacons in the New
> England area before I go to the trouble of putting up some kind of
> antenna. Got a spool of insulated #24 solid wire with a least a mile of
> wire on it, wonder if anyone would notice it strung through the
> neighborhood?

>

> email replies, if any, direct, please.

>

> BTW, Lowfer band is 1350 meters, 160 to 190 KHz, 1 watt max input power
> to final, 50 ft dia xmit ant,max. (including feed line) And you think 40
> mtrs is a chalange?

>

> de KD1JV, Steve in NH

>

>

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996

From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [1517] Re: LOWfer ops?
Message-ID: <Roam.3.0.844983455.26319.myers@bigboy>

> Better read the rules.... Only a 50' including feed line is legal.

I believe this also includes the length of the ground lead, too. This explains why hardcore lowfers build capacity-loaded verticals with the transmitter and ground system located directly at the base of the vertical.

For receiving, another antenna is probably required - a resonant loop, probably with a FET preamp directly at the antenna. I'm thinking about building one of these myself.

> On Wed, 11 Sep 1996, STEVEN WEBER wrote:

>

[...]

> >

> > BTW, Lowfer band is 1350 meters, 160 to 190 KHz, 1 watt max input power
> > to final, 50 ft dia xmit ant,max. (including feed line) And you think 40
> > mtrs is a chalange?

> >

> > de KD1JV, Steve in NH

Dana KK6JQ
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: kd1jv@juno.com (STEVEN WEBER)
Subject: [1528] Re: LOWfer ops?
Message-ID: <19960911.221409.5471.0.KD1JV@juno.com>

On Thu, 10 Oct 1996 14:18:21 -0700 (PDT) Stanley Wilson
<microres@crl.com> writes:

>Better read the rules.... Only a 50' including feed line is legal.

Was only kidding about the mile long antenna, though I do have the wire, maybe two miles of it! Although a bit unpractical, there is nothing that says I can't put up a full sized 1/2 wave dipole for receiving...

:-)

>>

>> de KD1JV, Steve in NH
>>
>>
>

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [1541] Re: LOWfer ops?
Message-ID: <199610110326.XAA16934@mail3.voicenet.com>

>Date: Fri, 11 Oct 1996 23:22:30
>To: kd1jv@juno.com
>From: Joe Everhart <n2cx@voicenet.com>
>Subject: Re: LOWfer ops?
>Bcc: n2cx

>
>At 10:07 PM 9/11/96 PST, you wrote:
>>

>>On Thu, 10 Oct 1996 14:18:21 -0700 (PDT) Stanley Wilson
>><microres@crl.com> writes:
>>>Better read the rules.... Only a 50' including feed line is legal.
>>

>>Was only kidding about the mile long antenna, though I do have the wire,
>>maybe two miles of it! Although a bit impractical, there is nothing
>>that says I can't put up a full sized 1/2 wave dipole for receiving...
>>:-)

>>>>
>>>> de KD1JV, Steve in NH
>>>>

>

>Steve,

>

>Forget using a horizontal antenna on LF! The signals are polarized
>vertically primarily because a half wave is about a half mile up so the
>transmit antennas must be vertically polarized. A lower horizontal
>transmit antenna would be appreciably less efficient than an already
>horribly inefficient 50 foot antenna. To scale things, just imagine
>40 meter antenna 15 inches long. Even with an 8 foot 40 meter mobile
>antenna, efficiencies are often under 10% - and that's with a good
>ground. Typical (legal) LOWfer antennas struggle to get a fraction of
>1%. Which is not to say that you shouldn't try. We QRP'ers *know*
>how well you can get out even with milliwatts of radiated power.

>

>As far as receiving antennas go, forget horizontal antennas there, too.
>Use a good vertical antenna with a preamp, or, better yet, an effective

>tuned loop antenna. A fellow named Ralph Burhans (think I have the name
>right) had a series of LF/VLF receiving antenna articles in Ham Radio
>and Radio Electronics some years back. Good stuff. A good small antenna
>is just as effective as a much larger one in this part of the spectrum
>because the noise level is so high. Larger antennas pick up more signal,
>bt they pick up proportionately more noise, too. As we all know,
>signal-to-noise ratio is the important thing, not just signal level.
>
>I wrote up a simple passive tuned loop antenna for LF in the QRP Quarterly
>several years back. As evidenced by its use for a gummint LF communications
>system, anything larger is a waste of effort. If you are interested, I will
>look up the reference.
>
>
72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: JCoote@aol.com
Subject: [1532] Re: mobile ant. mounts (long)?
Message-ID: <961010215828_207563337@emout04.mail.aol.com>

In a message dated 96-10-09 13:42:15 EDT, ac6ls@amsat.org (Phil, AC6LS)
writes:

<<
my question to the group is:

What is a good mount for a mobile hf antenna?

I have several Ham-Sticks and use the 3 magnet mount. I would prefer
something a bit more "permanent". I don't want to drill any holes.
I believe there are types that use about 4 set screws to "clamp" the
mount to the car. and oh-yes the car of choice (not really, its the
only one I have ;)) is a Ford Aspire 4dr hb.

would appreciate any guidance in this area.

tnx es 72 de Phil
>>

Too bad you can't make holes. The best way to mount an HF mobile antenna and insure you have a good RF low resistance ground to the chassis is to make holes.

The antenna mount to use is the full-sized ball and spring made by Antenna Specialists. Antenna Specialists provides ball mounts and antenna springs in several finishes, chrome, nickel and a black painted aluminum ball. These will take any (standard for whips) 3/8" 24 threaded whip antenna.

I find the Hustler ball and spring hardware to be too weak- the spring is "sloppy" and causes the antenna to whip around more while driving. Forget brand X and Radio Shack- you'll be defacing your vehicle with inferior products which will fall apart in two years.

However you mount an HF whip, holes or none- the antenna must be mounted as high as possible on the vehicle. The best place is the top of the vehicle in the middle. The next best place would be the sides of the vehicle. My fullsize Ford van is equipped with three ASP ball mounts for my Ham and other communications projects. The mounts are just under the edge of the roof so the whip will be as high as possible and only a few inches of the whip is parallel to the side of the vehicle.

If you mount MF, HF, VHF or UHF antennas parallel to the vehicle, you won't do as well.. sometimes as bad as a few s-units down. I've had a CB'er client ask "Howcum I ain't getting out?". That was because he used a bumper mount and the entire length of the whip was about three inches from the metal side of the CB'ers vehicle.

There are trailer-hitch and bumper mounts for MF/HF whips, but you have to make darn sure you have a good low resistance RF ground to the entire vehicle chassis and not just the high resistance chrome of the bumper.... and if your antenna is low on the bumper or side of the car in this manner, it won't do as well though you will make a contact.

Tuners- people sometimes try to "forcefeed" a mis-tuned HF whip (remember HF whips are narrowbanded) with a conventional tuner at the transceiver. It is better to adjust the antenna properly and forget the tuner. Also, do not prune the coax to "tune" the antenna. The BEST tuner for mobile is the type which is made for whip and wire antennas (not coax). This tuner is normally mounted inside the vehicle, right at the antenna mount. In my van I have used the Icom AH-2 autotuner and 9 foot or 14 foot whips and monoband whips made by Mobile Mark and Hustler. The "Smart Tuner" made by SGC will also work at the base of a whip antenna and this company also makes a good external tuner-whip combination which straps to the side or top of a vehicle.

The SGC tuners will work with other radios. The AH-2 only works with certain Icoms. (Don't buy the HF whip by Icom, it is a bulky kluge and ASP mounts look better)

73, Jay
WB6AAM

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [1542] Re: mobile ant. mounts (long)?
Message-ID: <325DBE89.40E7@ix.netcom.com>

I have very good luck with a TS-50/AT-50 and Hamstick-type antennas.

Mount is a custom-built thing (have a ham pal who is a machinist) which is bolted to my frame and comes up around the rear bumper. The visible (i.e., exposed) part of the mount is removeable with one hex bolt.

The removing part is important because I only operate HF mobile on long highway trips (e.g., to NorCal mtg from LA last weekend). So the rig is set up on a portable plastic file box (bungeed to the top) with the AT-50 tuner inside the box. For transport they both go into the box and it looks like a portable office accessory.

Had a 40 minute 59 QSO with a VE7 in northern BC while driving on I-5 on 20 meters (my favorite long-trip mobile band). Lots of stations (on 20m) are surprised I'm mobile. But for 75/40 I think a more efficient antenna (e.g., DDK or other screwdriver antenna) would be advised.

73..Phil, W7UOX

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: rright@primenet.com (Roger Hightower)
Subject: [1497] Re: Oct. 96 issue of 73
Message-ID: <199610101740.KAA24022@primenet.com>

At 10:47 AM 10/10/96 EDT, Chuck Olson wrote:

>I'd like to buy a copy of the QRP issue of 73 magazine from Uncle Wayne.
>Would someone please post the details of how much the back issues are and
>where to send the money? I think this is listed at the bottom of the
>masthead.
>

Don't buy one, Chuck. I'll send you mine for the postage. I only read the thing occasionally, and rarely save them, so it's yours. Send a buck to my callbook address...in the meantime I will get this in the mail to you.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: JessQRP@aol.com
Subject: [1499] Re: OHR-400
Message-ID: <961010142505_540487155@emout16.mail.aol.com>

Hi there,

I did the alignment on the 400 just using the equipment that you mention. The only other piece of gear that I have available and used is my main station rig, a Kenwood TS140 to generate signals and listen to receive signals. The main thing that I found most useful was the RS freq counter.

You DO NOT need to send it to OHR for alignment, although Dick does an outstanding job.

If you need any tips or tricks, let me know.

My 400 has been up and running for about a year and I just finished the DD-1 digital dial and am QUITE pleased with the setup. Makes for a very nice and complete and semi-portable QRP station when used with the OHR internal keyer and I use the MFJ QRP antenna tuner, which by the way is one of the better pieces of QRP gear that I have purchased.

Best
Jess NOTFI

From owner-qrp-l@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Phil Wheeler <pcw12@ix.netcom.com>
Subject: [1540] Re: Passive Filter
Message-ID: <325DBC7C.7274@ix.netcom.com>

I had an FL-?? back in the 1950's. From the description, they are at least close relatives.

Seemed to do a great job, without much attenuation of the audio (of course the receiver I used had lots of (non-QRP) audio, so attenuation was not all that important!

Phil W7UOX

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
Subject: [1505] Re: QRPP Black Pages
Message-ID: <fKyHbEA8S\$WyEwyD@stevef.demon.co.uk>

> Is there anyone out there who is
> brave enough to post to the net that he will photocopy the missing pages and
> send them to the guys who need them?

I'll take care of the European problems. E Mail to me your Postal
Address and the pages you need and I'll respond.

--

Stephen John Farthing MBCS GOXAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [1510] Re: QRPP Black Pages
Message-ID: <v01540b05ae831473b4a3@[157.142.56.166]>

Thanks to Dave Adams and all of the others who have volunteered to provide
copies of the illegible pages from QRPP. I think as a way of saying "Thank
you," all of us who need those pages might consider sending a SASE along
with the request for photocopies.

72/73,

Mike N5JKY
QRP-L #300

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [1546] Re: SHACK PHOTOS
Message-ID: <Pine.OSF.3.91.961010234701.5439C-100000@vela.acs.oakland.edu>

On Thu, 10 Oct 1996 QLF@mimi@magic.itg.ti.com wrote:

> From: Brad Bradfield QLF
> Personally, I've always felt that a clean desk (or shack) is a sure sign of a
> sick mind!

I see you've been to my homepage? <http://www.acs.oakland.edu/~prvalko>

73 =paul= wb8zjl

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [1516] Re: Shack photos - Warning
Message-ID: <199610102136.WAA11836@mail.enterprise.net>

Just a word of warning about letting the whole world see in your shack.
Remember, there are unscrupulous folk about, even in amateur radio and it
would be very handy for certain people to know what nice (expensive?) gear
you have. OK, they might not pinch your 49er, thinking it was a tin of
mints, but that nice shiny black box in the 'photo is a different story.
Just a thought - if the intention is to put them on Internet. If it isn't
then fine, ignore the above!

--

Frank G3YCC (G QRP 042)
QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [1512] Re: World Fox Series Bet
Message-ID: <Pine.SUN.3.90.961010141643.3048A-100000@vortex.sage.dri.edu>

On Thu, 10 Oct 1996, Doug Hendricks wrote:

> in the state, counts for that state. Visitors too. If Preston comes to
> Texas, operates and catches a fox, he counts for the Texas Team, same if
> someone comes to California. Keeps it simple that way.

Psssstttt, Doug, whadda I gets if I drive a couple miles up into CA and
work sum foxs, eh? :-)

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [1513] Re: World Fox Series Bet
Message-ID: <v01540b07ae8317c47c19@[157.142.56.166]>

Doug wrote:

>.... Everyone
>in the state, counts for that state. Visitors too. If Preston comes to
>Texas, operates and catches a fox, he counts for the Texas Team, same if
>someone comes to California. Keeps it simple that way.
(SNIP)

hmmm....How about expatriate Texans in exile north of the Red River? ;)

Mike N5JKY

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [1518] Re: World Fox Series Bet
Message-ID: <1.5.4.16.19961010135932.57d709b0@telis.org>

Monte, your qth that you send to the fox is what counts. Hey, but keep it
a secret, if those Texas guys figure it out, they might cry!! 72, Doug, KI6DS

At 02:19 PM 10/10/96 -0700, you wrote:

>On Thu, 10 Oct 1996, Doug Hendricks wrote:

>
>> in the state, counts for that state. Visitors too. If Preston comes to
>> Texas, operates and catches a fox, he counts for the Texas Team, same if
>> someone comes to California. Keeps it simple that way.

>
>Psssstttt, Doug, whadda I gets if I drive a couple miles up into CA and
>work sum foxs, eh? :-)

>

>73, Ron,

>

>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....

>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

>

>

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [1520] Re: World Fox Series Bet
Message-ID: <96oct10.181137-0400edt.65735-14099+371@hooch.CC.Lehigh.EDU>

Sorry Chuck, looks like the CA gang has you outnumbered. What's more interesting is the number of Novice/Tech's. Two of them are going to be very happy! Thanks guys.

The last time I ran this (in January?) there were 900 subscribers, 665 FCC calls.

73

Jim N3VXI n3vxi@Lehigh.EDU
Tech+ 40M QS0s=1 STATES(w/c)=1/0 DX=0

QRP-L subscriber statistics - US callsigns only (sorry)

There are 1386 (non-concealed) subscribers.
There are 1010 unique, seemingly valid US calls.
1006 calls were found in FCC database.

Subscribers by license class:

NOVICE - 4
KA7NQK KB1ALT WA2YMW WN3DUG

TECH - 44
KB0LRB KB0SPQ KB0WSU KB2WKW KB2YQD KB2YWT KB7UDE KB8PFN KB9JFK KB9KJE KB9NQR
KB9NXD KC4ZVW KC5CWG KC5DWB KC5GEF KC5ION KC5QXH KC7MES KC7RKR KC8CDT KD4CIM
KE6IIY KE6KNF KE6YME KF6ACN N0DBQ N0PMY N0TVJ N0XES N0XLW N1RGN N1RXV N1VQW
N1XTK N2MQG N2NNP N3LSB N3NDJ N3WYM N3XPX N9NTP WB1ECB WB4JOG

TECH-PLUS - 82
K5VMU K6QLH KA0GKC KA0JLF KA0SQH KA2OYF KA3TSE KA8NRC KB0BAN KB0HQU KB0HSA
KB0IHQ KB0NES KB0ROL KB0SZF KB2GOM KB2IQX KB2SQT KB2URI KB4EOD KB4LBX KB5POZ
KB6OJS KB7YEB KB7YWE KB9JJA KB9JLO KB9KIT KB9LGZ KC4FYA KC4YYY KC5NCM KC6POB
KC6SPN KC7HBT KC7JQJ KC7JZL KC7KHD KD4DIT KD4ZPH KD6DOA KD6MNP KE4CON KE4FPS
KE4IOF KE4SKI KE4YUQ KE4ZQC KE6GBE KE6JTS KE6PPI KE6TYH KE6YNW KF4CEZ KF4JSV
KF4KSM KF6ABC KF6DLT N0IDT N1PYF N2BSC N3BXZ N3PFF N3VVY N3VXI N3WHJ N3XRV
N5INZ N5QXF N5TYD N5XAT N7QAQ N8VNC N8YQD N9RKB N9WKE WA7SSA WB3LGC WB4HZT
WB7RPG WB8KRN WD4MSM

GENERAL - 118

K0EVZ K0MVH K2SJB K2VNM K4DRD K6RPN K8EJU K8WVG K9LCJ KA0GZO KA2PQY KA3IVB
KA3VSP KA3WMJ KA4FMD KB0PJE KB0PZD KB0TCY KB0VCC KB2RLB KB2SGM KB2TRF KB7UXP
KB8BWE KB9IUA KB9KOL KC4BQI KC4YTF KC5MOE KC6ZTT KC7FYS KC7JKB KC7NEV KC8APA
KD4GIK KD6RFI KD6YIX KD6ZMJ KE4IZH KE4VUN KF4FCN KN0USQ N0EKU N0NBD N1FGW
N10CJ N1PAZ N1XLQ N2BCA N2QCE N2VPK N2VTV N2YRJ N3AAZ N3DXE N3HBJ N3QEN N3RCS
N3UTM N3UVR N3WST N3WXI N4AFX N4EUK N4GEO N4NHQ N4PNP N5ALO N5AQM N5CLU N5WBI
N5YEB N5ZGT N6DRC N6RUO N6YIU N7CQR N7DKZ N7EUK N7MFB N7OJA N8HSC N8RUY N9NVV
N9UXC N9ZYV W00OG W0RSP W3HAH W6EMT W7GVN W7JDZ WA0DJP WA6GER WA6KYO WA7ZXN
WA8TZG WA8WVF WB0AAQ WB0QQT WB0ROQ WB1DOG WB2QDG WB3KXL WB4NBI WB4ZHO WB5QYT
WB6LDL WB7DUO WB7QMR WB8NUT WB8VPB WB8YFL WB9EUU WB9KZY WB9ZDH WD8OJC WD9CTB

ADVANCED - 211

K1NZQ K2JHU K5KVH K6AEC K7KBD K7OZN K7SII KA0YOS KA1LM KA5DVS KA6LCL KA6NOC
KA7BPJ KA7GPW KA7KGQ KA7YOU KB0LMQ KB1NW KB1RT KB2INO KB2TQX KB2VIT KB2VTN
KB5KHR KB5RBW KB6DLN KB6GK KB7WW KB8DIE KB8ZQZ KB9GMC KC0EM KC1AD KC1FB KC1TD
KC2DU KC5CUW KC5FDQ KC7DMA KC8CH KD0FX KD1XN KD3PC KD4ZLJ KD5QI KD6TK KD7RX
KD8BJ KD8HD KE0AZ KE0CH KE0MC KE0WW KE1DJ KE3FO KE4HMP KE4YH KE8KL KE9ED KE9UW
KF2LF KF2XC KF4AR KF6CR KF8EE KF9HC KF9XY KG0MZ KG0NA KG0NR KG0WE KG0ZT KG5FH
KG5LO KG5TW KG7UB KG8IH KG8IR KG8KA KG8WH KI0AU KI0CL KI4JA KI4PZ KI5SL KI7MN
KJ5HV KJ5TF KJ5VW KJ6HZ KJ6MO KJ7EM KJ7NS KJ7YF KJ7YN KK4KF KK5GJ KK6MC KM6LA
KM6LJ KM6MO KN6ZT K06FE K06GF K06JW K06MM KQ4AL KQ6FR KR4IT KS4MX KS4PR KS4RT
KS4XG N0IHM N0JFZ N0OQT N0UVR N1GPY N1IPR N1TAB N2GVS N2JOC N2JWQ N2KTY N2YKP
N3FRT N3QOO N5BGZ N5JKY N5JND N5LPZ N5OSG N5SBN N5SXV N5TKA N6TQS N7NIQ N7WNC
N7XNL N8WLC N9JCV N9RPT N9UXU W1GGM W1GXN W1IFL W3FPR W3HMS W4STX W5VBO W6MIK
W6NXB W6RCA W7MAP W8LRM WA0ROI WA0UIG WA1KPD WA1QVM WA1UPB WA2EAW WA2ECP
WA3CAO WA3HWP WA3REY WA3YNO WA4MAE WA4ZID WA5CVM WA5UNK WA5UNY WA6MOK WA7FCU
WA7TAG WA8DXD WA8LCZ WB0CGH WB0CLD WB0MMC WB0NVB WB0WQS WB0ZUR WB1ASL WB2ATQ
WB2DHK WB2RAR WB2WHQ WB4OFT WB4TPW WB5BRF WB5GWB WB6GFJ WB6LMA WB6TNL WB6TPU
WB6YSB WB7CNJ WB7DRU WB8ZBD WB9FLW WB9GIE WB9LKC WB9NLZ WD0AKZ WD4KAV WD4LUJ
WD6FDD WD8AAU WD8KQY WD9GTE WP4NBM

EXTRA - 547

AA0ED AA0MC AA0MS AA0QX AA0SM AA0UB AA0XI AA0XZ AA0YU AA0ZZ AA1BK AA1CM AA1IK
AA1MI AA1MY AA1OC AA1PB AA2BN AA2U AA2UG AA2YR AA2YS AA2ZD AA3AV AA3EJ AA3MD
AA3ON AA4PC AA4XX AA4YZ AA5CO AA6R AA6SO AA6UL AA7AR AA7HA AA7HQ AA7JC AA7QU
AA7QY AA7TA AA7WT AA8EB AA8MD AA8VN AA9IL AA9KM AB0AE AB0AL AB4BE AB4EL AB5AX
AB5DG AB5OU AB5UA AB5VI AB5ZB AB5ZD AB6BR AB6CN AB6DG AB6MB AB7GZ AB7HI AB7JX
AB7MY AB7OA AB7PF AC4HF AC4JI AC4QO AC4QS AC4YK AC4YT AC5EJ AC5GY AC5II AC6AC
AC6AN AC6IY AC6JA AC6KW AC6LA AC6LS AC6TG AC6VI AC8P AD4HL AD4HM AD4IM AD4TG
AD4YO AD4ZE AD5X AE0Q AE4CA AE4EW AE4EX AE4IC AE4JA AE4VQ AE9K AI2Q AK0B AK0M
AK1P AK5B K0FRP K0JD K0LS K0PT K1LGQ K1MG K1MON K1NIT K1VV K1YPP K2BEV K2DB
K2LGJ K2NF K2RXQ K2VCO K3AS K3ETS K3QIO K3QXH K3TKS K4CGY K4CPK K4JSI K5ED
K5ERJ K5ETX K5FO K5HGB K5ID K5ON K5ROV K5SM K5UP K5VOL K5ZTY K6QD K6QQ K7BWZ
K7FD K7JPF K7OWJ K7RBJ K8ATI K8DD K8IDN K8IQY K8MI K9DZE K9ZWH KA0IQT KA1AXY
KA1CX KA2GSL KA2UPW KA2ZGW KA3YJG KA5T KB0SRY KB1GG KB2JE KB2TEO KB4MNG KB5DQ
KB5OB KB5PGY KB7LRZ KB8APS KB8LFQ KB8N KB9ILT KC1CX KC1GS KC4EWT KC4URI KC5GXL
KC5RAS KC7CKP KC7DX KC9UR KD0CA KD0SU KD1JV KD1XS KD4BPI KD4HZ KD7S KD8EK KD8G
KD8JN KD8UX KE1DE KE2WB KE3FL KE3IK KE3ML KE3NV KE3SI KE4AGT KE4KDT KE6MHV

KE7IT KF0SO KF0UN KF2PH KF2ZW KF5IU KF6MP KF6MU KF8AT KG2DP KG2H KG7PV KG8H
 KI0G KI6DS KI6SN KI7KW KJ4ER KJ4O KJ4XR KJ5CI KJ5XF KJ7NR KK5MM KK5NA KK5RO
 KK6JQ KK6M KK6ZC KL7CVP KL7IXW KL7JAF KM1Z KM3D KM4VZ KM6WR KN4FR KN4SK KN6WH
 K04A K06KA K06VY KQ0I KQ6AG KR4ZD KR5N KS4L KT3A KT8O KU7Y KU8H KU8O KV2X KV9X
 KW3U N0BF N0IT N0OCT N0OQS N0TFI N1IPT N1IST N1KTM N1NDX N1NIK N1OOQ N1PWU
 N1QPR N1QQV N1RXT N2BCF N2CBV N2CQ N2CX N2GO N2JGU N2JJ N2MNN N2TNN N2ULU N3GO
 N3HXV N3ITF N3KFL N3MBY N3MHW N3SLR N4BP N4EKP N4ELM N4IM N4JEO N4MXN N4NCU
 N4QK N4SO N4UHO N4XY N5DW N5EM N5ET N5JDB N5OCD N5YZM N6CXB N6GA N6HCS N6KR
 N6MM N6MVE N6PDX N6QGI N6ULU N6WG N6XG N6XI N6ZBZ N6ZQZ N7CNH N7CW N7NX N7RAT
 N7TAU N7YQR N8CQA N8ET N8VAR N9AZ N9DD N9HXX N9RJ N9UKX N9VHY N9ZZ NA5K NA5N
 NB9S NC8N NE4V NF0R NF1U NF3I NF9X NG0M NG0N NI0A NJ9C NK3R NM0H NM1J NN1G
 NN9H NN9K NO1E NO2D NQ3I NQ7K NQ7X NR1A NR1J NR4N NR5A NS8O NT0L NT1U NT3G
 NU0V NU4N NU8D NV4O NV9F NW3N NX1K NY9B NZ1B NZ5T NZ8J W0CH W0LK W0MXY W0PNS
 W0RW W1FMR W1HUE W1UI W2GUM W2IOL W3PM W3RDF W4AOS W4HFU W4HSN W4NFR W4QO
 W4RNL W4UKU W4WYT W5HNS W5ISZ W5LGO W5RXP W5TEH W5TFB W5TTE W5XE W6EMD W6JJZ
 W6MMA W6NMH W6QWK W6RCL W6SIY W6TOY W6ZH W7AGJ W7AQK W7HPK W7KMA W7MPZ W7ZOI
 W8AO W8DN W8IQB W8KUX W8MHV W9AC W9NIP W9NQP W9UQB W9ZSJ WA0JTL WA0VQR WA1GUV
 WA1YIA WA2UAX WA3FIY WA3IMF WA3JPG WA3LDI WA3NNA WA3YON WA4GIR WA4IML WA4NID
 WA4OSR WA5VQK WA5WHN WA5YFY WA6AHL WA6ARA WA6ERB WA6HHQ WA6OTD WA6OWR WA6PBY
 WA7MIG WA7NDD WA7NWP WA7TWI WA8CDU WA8KNE WA8MCQ WA9PWP WA9YLB WB0GAZ WB0POQ
 WB0SCD WB0YDD WB1EDI WB2CPU WB2DYJ WB2UWU WB2VUO WB2WMJ WB3GCK WB4BDS WB4EHS
 WB4IUY WB4ZKA WB5ADC WB5FKC WB5LXA WB5QMP WB5RUE WB5VZI WB6AAM WB6JJE WB7EEL
 WB7O WB8IMY WB8RUQ WB8YGG WB8ZJL WB8ZOM WB9GOJ WB9QDL WB9VHF WC0Z WD1V WD4ETO
 WD4MPS WD5ABC WD5GNW WD6BOR WD7I WD8ISB WD8KNI WD8RIF WD9EYB WE5X WE9D WF4B
 WF5P WJ2V WJ4P WJ6H WJ7H WK2A WK8S WK9T WM3B WM3L W00Q W03B W07T WP4JXD WQ8Q
 WR4I WR7O WS8T WT2X WT6P WU3E WV5Z WW6I WW7Y WW9H WY1W WZ2T

Age distribution:

13 * 1
 14 ** 2
 15 * 1
 16
 17 * 1
 18 *** 3
 19 ** 2
 20
 21
 22 * 1
 23 ** 2
 24 * 1
 25 ** 2
 26 *** 3
 27 ***** 8
 28 ***** 6
 29 ***** 5
 30 ***** 8
 31 ***** 4

32 ***** 17
33 ***** 24
34 ***** 18
35 ***** 21
36 ***** 26
37 ***** 17
38 ***** 33
39 ***** 28
40 ***** 36
41 ***** 34
42 ***** 30
43 ***** 41
44 ***** 52
45 ***** 38
46 ***** 54
47 ***** 41
48 ***** 55
49 ***** 54
50 ***** 44
51 ***** 22
52 ***** 20
53 ***** 33
54 ***** 28
55 ***** 27
56 ***** 29
57 ***** 19
58 ***** 16
59 ***** 10
60 ***** 10
61 ***** 10
62 ***** 10
63 ***** 9
64 ***** 8
65 ***** 5
66
67 * 1
68 **** 4
69 ***** 5
70 **** 4
71 **** 4
72 *** 3
73 ** 2
74 **** 4
75 ** 2
76 *** 3
77
78 *** 3
79 * 1

80 * 1

QTH distribution:

AE *** 3
AK *** 3
AL ***** 14
AR **** 4
AZ ***** 30
CA ***** 129
CO ***** 36
CT ***** 15
DC *** 3
DE **** 4
FL ***** 31
GA ***** 21
IA ***** 7
ID ***** 7
IL ***** 29
IN ***** 23
KS ***** 12
KY ***** 9
LA ***** 7
MA ***** 32
MD ***** 28
ME ***** 5
MI ***** 33
MN ***** 26
MO ***** 21
MS *** 3
MT ***** 5
NC ***** 24
ND * 1
NE ***** 5
NH ***** 18
NJ ***** 31
NM ***** 11
NV ** 2
NY ***** 48
OH ***** 43
OK ***** 13
OR ***** 20
PA ***** 44
PR ** 2
RI *** 3
SC ***** 10
SD ** 2

TN ***** 8
 TX *****
 ***** 82
 UT ***** 12
 VA ***** 35
 VT **** 4
 WA ***** 32
 WI ***** 13
 WV ** 2
 WY * 1

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
 From: Monte Stark <ku7y@sage.dri.edu>
 Subject: [1522] Re: World Fox Series Bet
 Message-ID: <Pine.SUN.3.90.961010155321.3851A-100000@vortex.sage.dri.edu>

On Thu, 10 Oct 1996, Doug Hendricks wrote:

> Monte, your qth that you send to the fox is what counts. Hey, but keep it
 > a secret, if those Texas guys figure it out, they might cry!! 72, Doug, KI6DS
 >

Hehehehe, :-)

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
ku7y@sage.dri.edu.....Washoe Lake, Nevada....
QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Thu Oct 10 23:11:59 1996
 From: k5zty@hamgate2.w5-f6cnb.ampr.org
 Subject: [1538] re:World Fox Series Bet..
 Message-ID: <18826@sugarland.ampr.org>

You're on Doug. You CA guys are pretty cocky with 129 players to 82
 players, but we'll make you work for it. Do novice/tech foxes count?
 You said something about regular foxes in your challenge.

72,

Bill, K5ZTY

ARCI #8817 NORCAL #1321 CQC #178 MI #1472 NE #440 QRP-L #473
 WITHOUT CW, IT'S JUST CB